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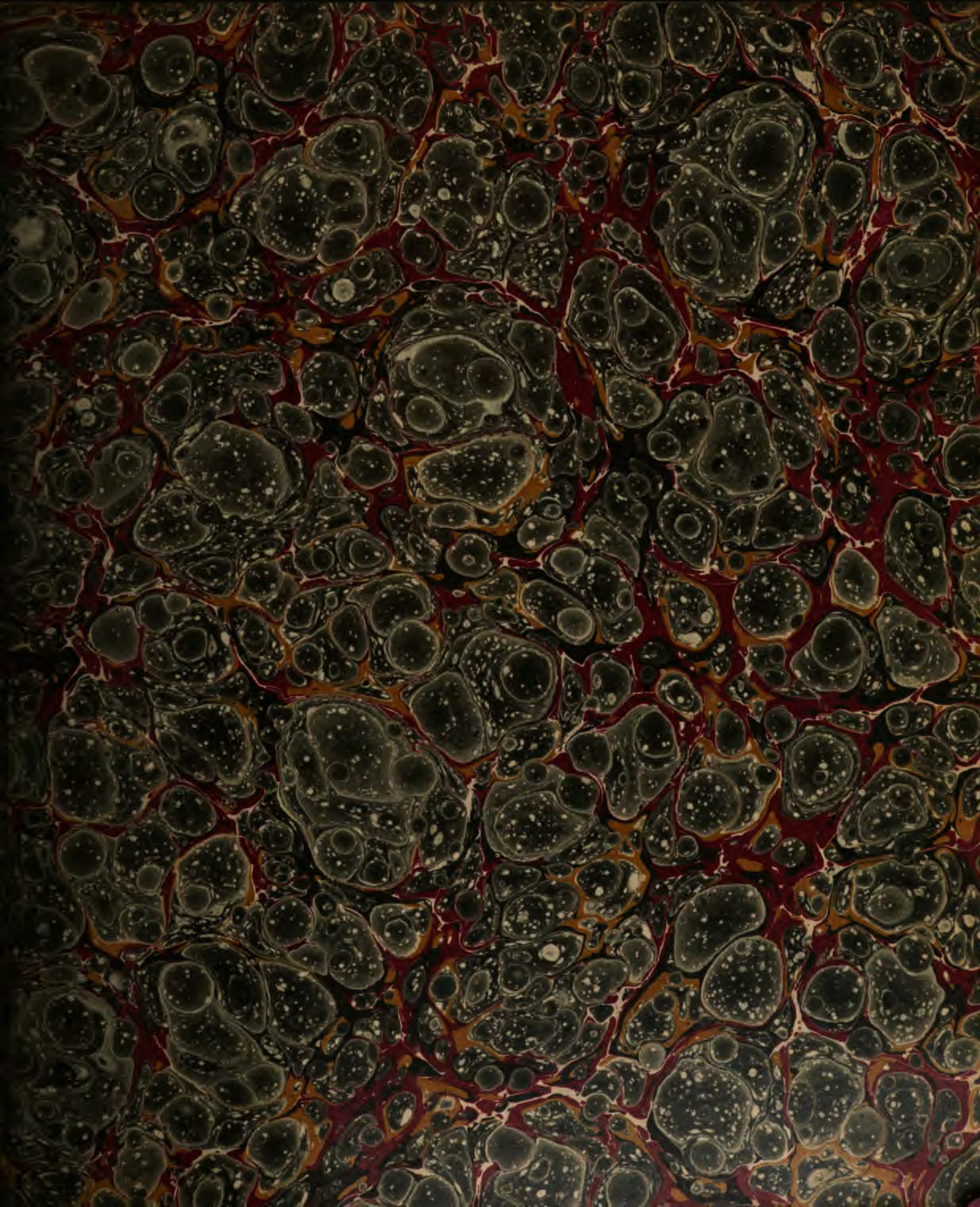

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MEMBRE DE LA SOCIÉTÉ PHILOMATHIQUE, DU CONSEIL DE LA SOCIÉTÉ D'ENCOURAGEMENT, ETC

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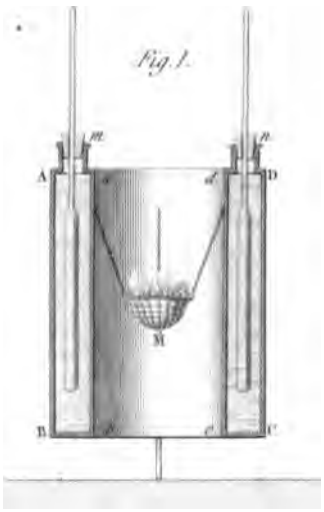

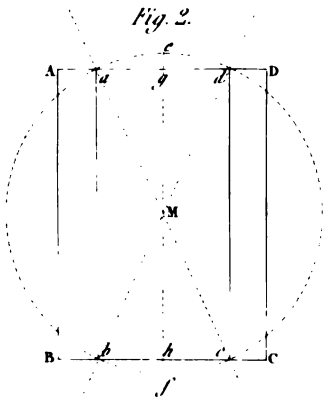

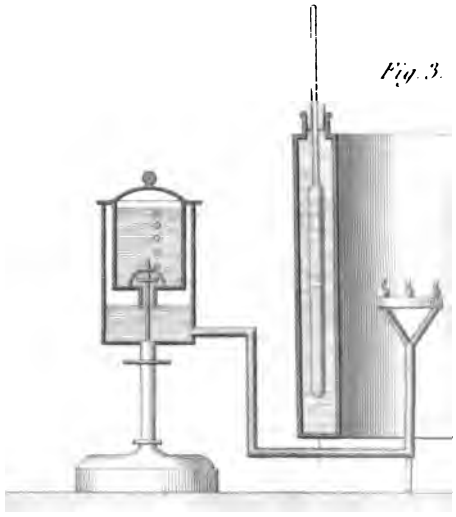

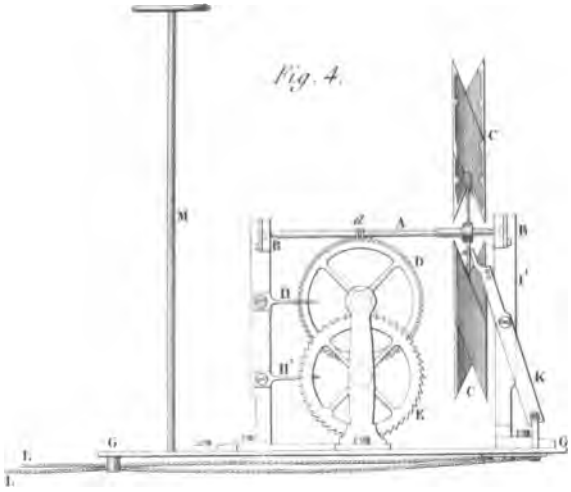

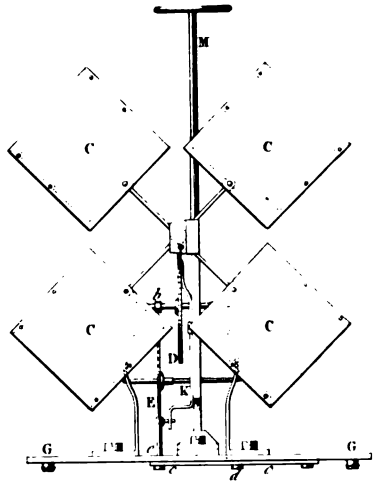

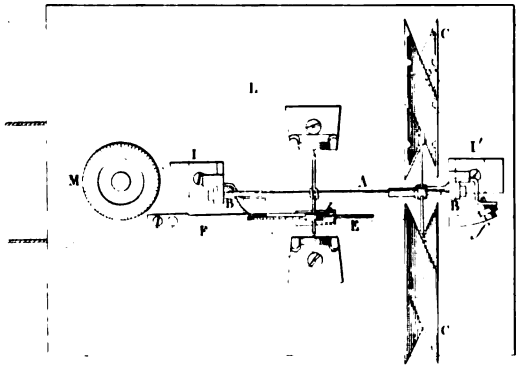

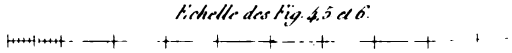

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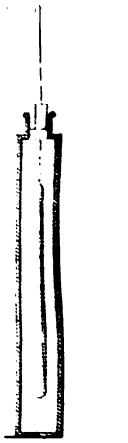

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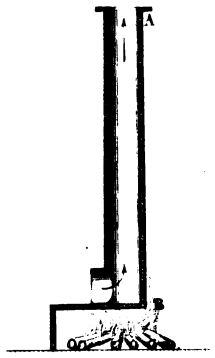

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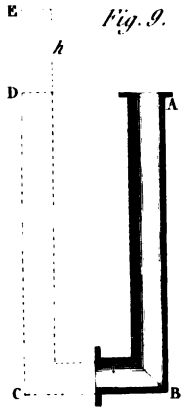

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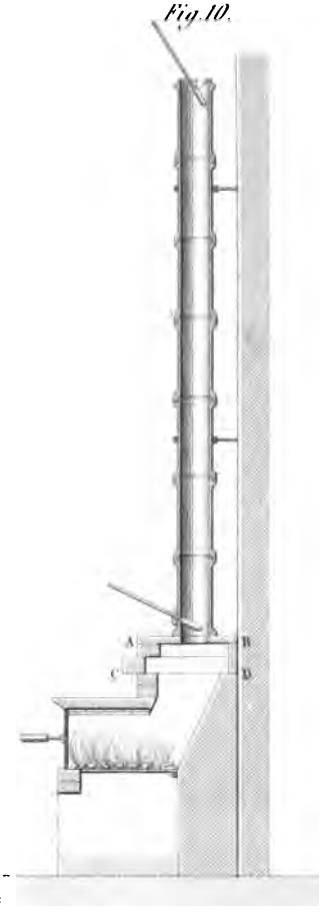

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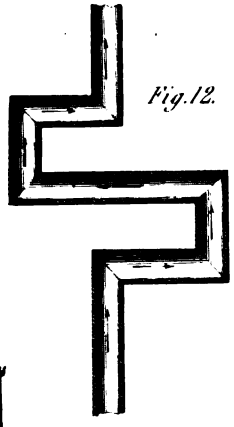

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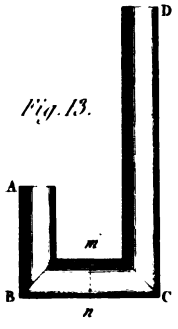

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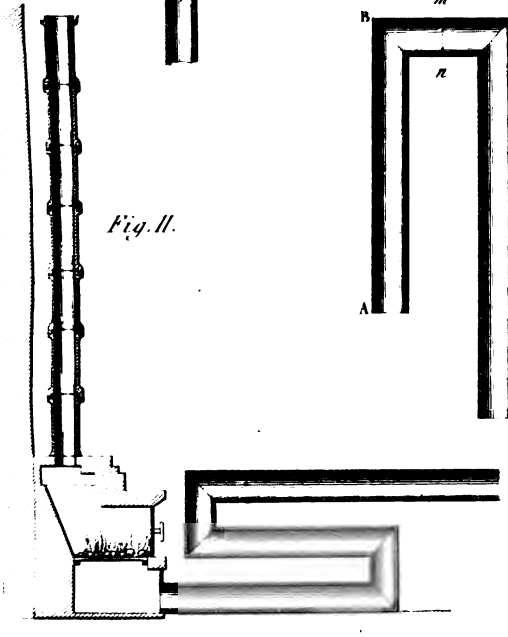

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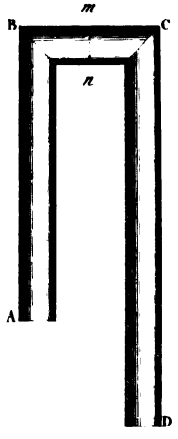

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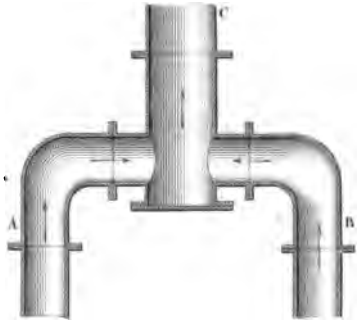

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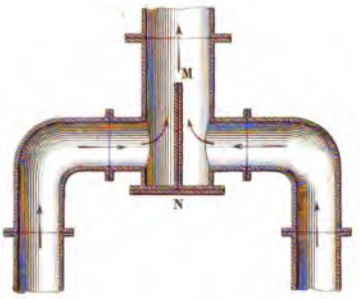

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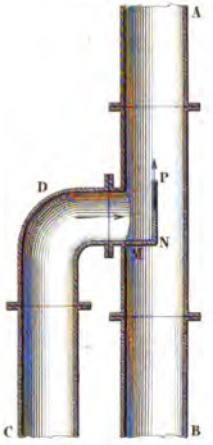

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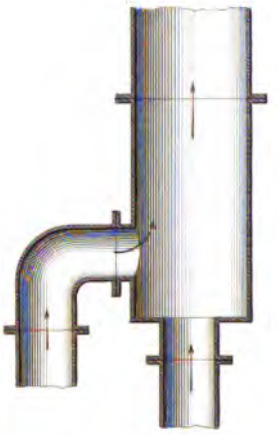

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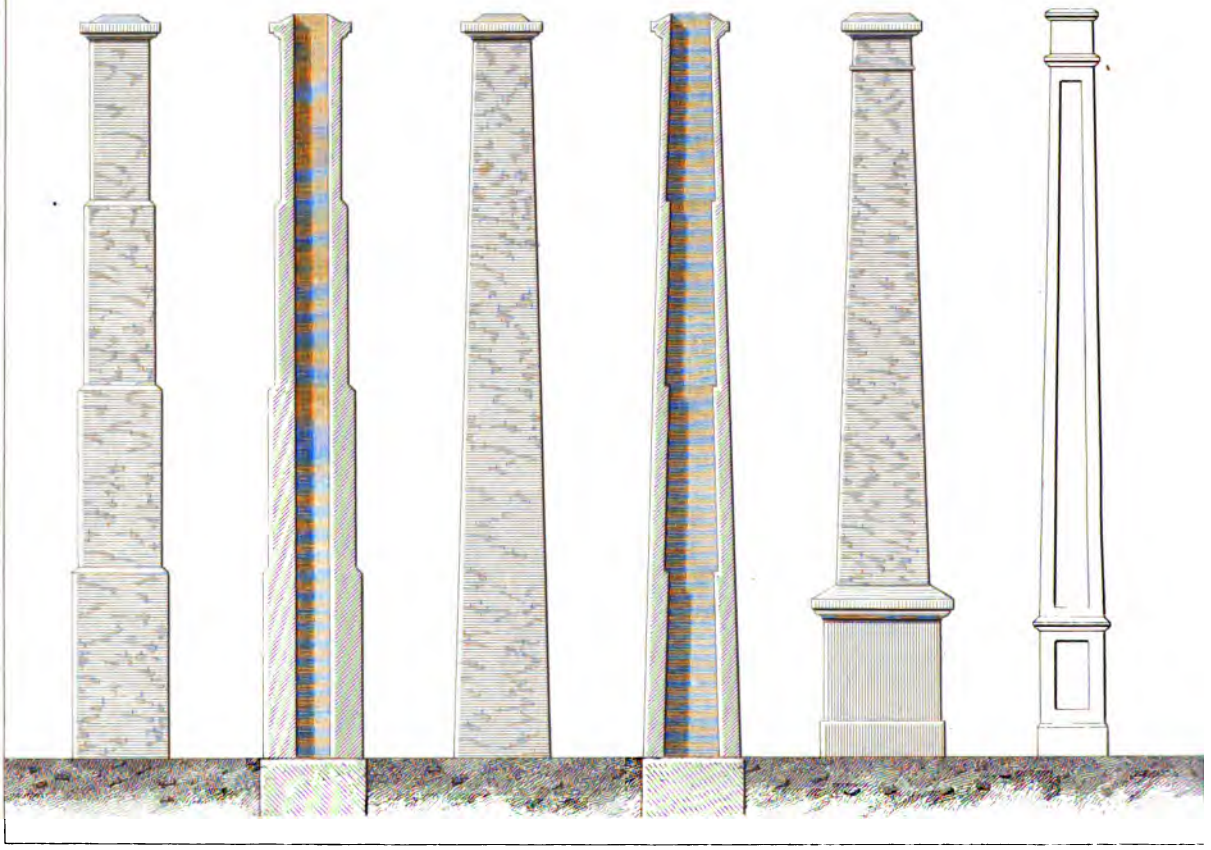

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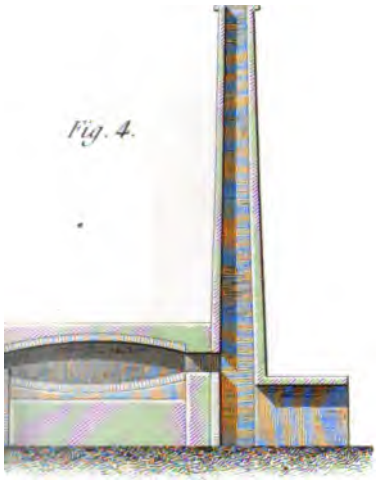

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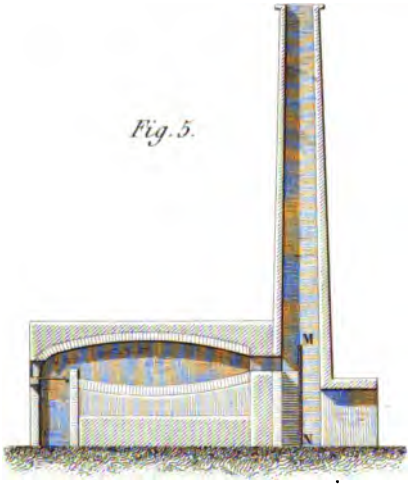

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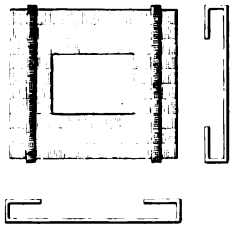

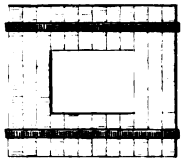

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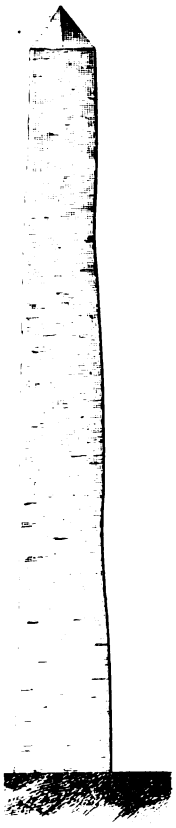

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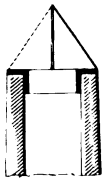

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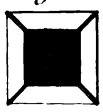

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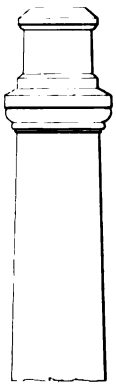

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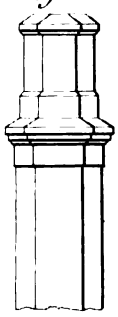

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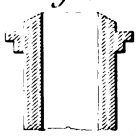

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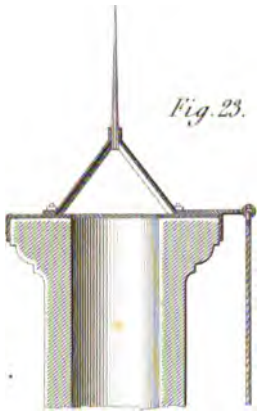

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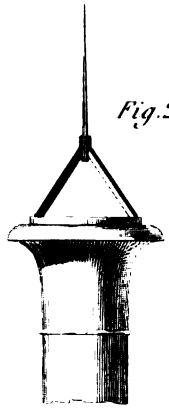

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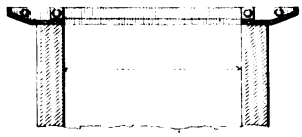

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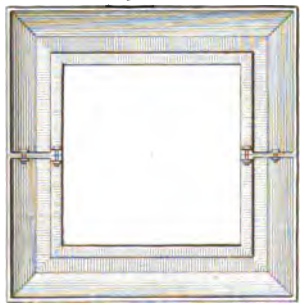

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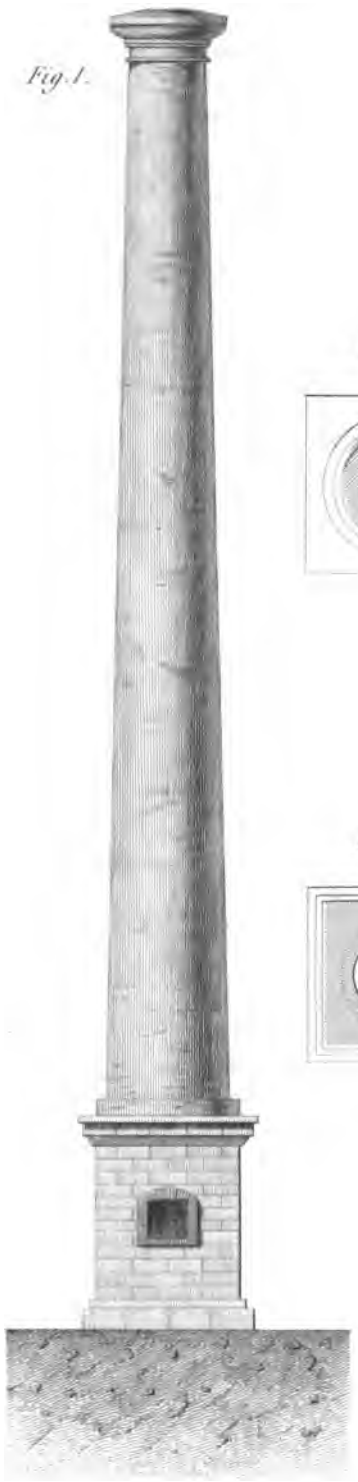

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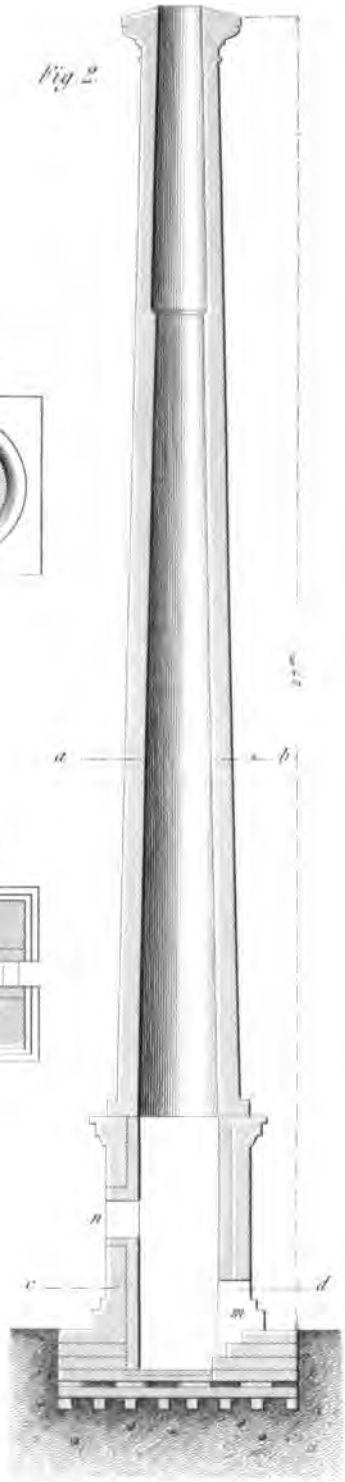

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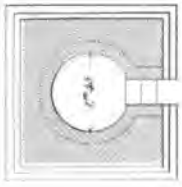
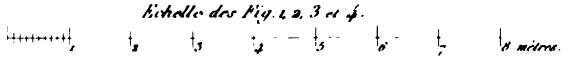
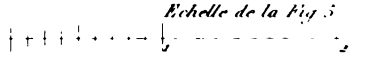


Fig. 5.

Échelle des Fig. 1, 2, 3 et 4.



Échelle de la Fig. 5



Librairie de L. Hachette.

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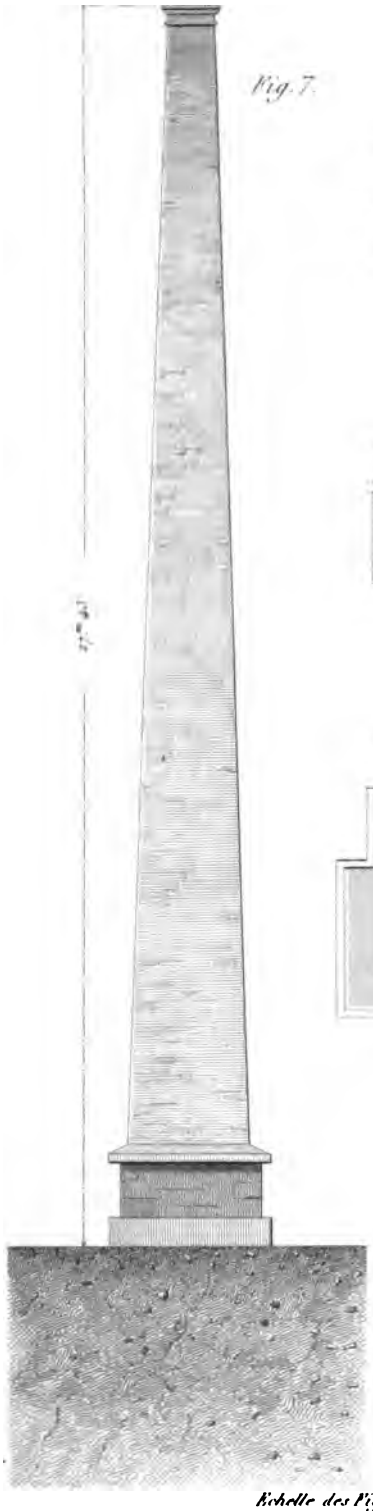
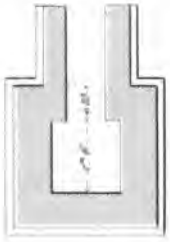


Fig. 7.

Fig. 9.

Fig. 10.



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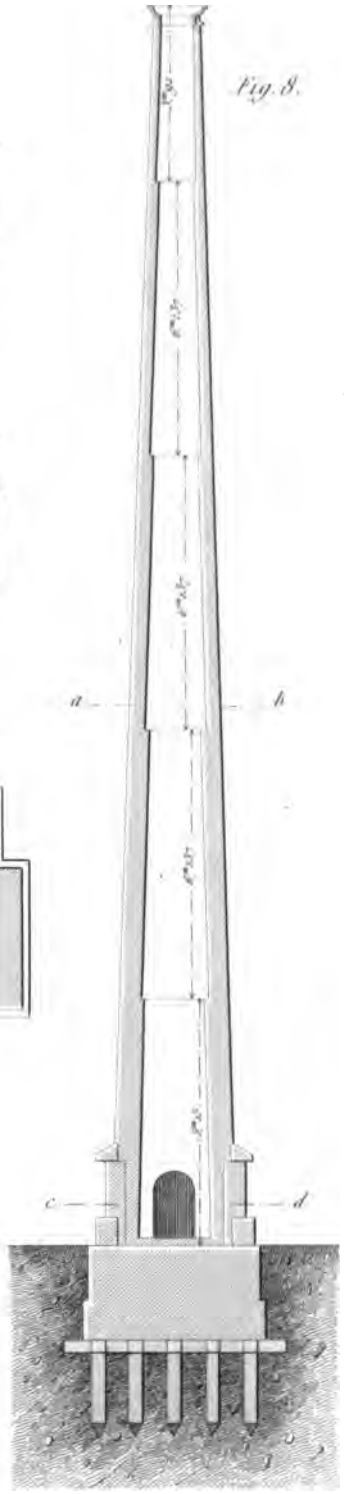

Fig. 8.

Echelle des Fig. 7, 8, 9, 10 et 11.

3 mètres

1 2 3 4 5 6 7 8 9 10 mètres

Gravé par Dureau.

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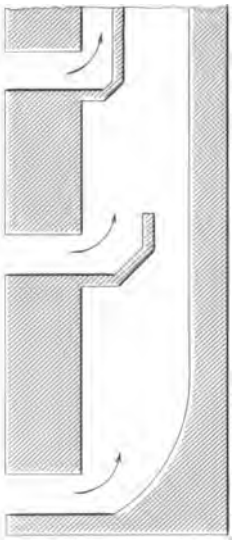

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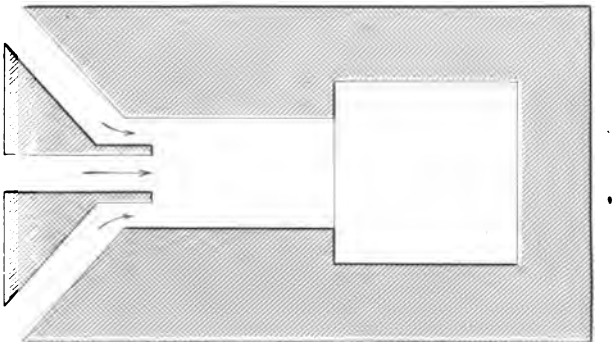

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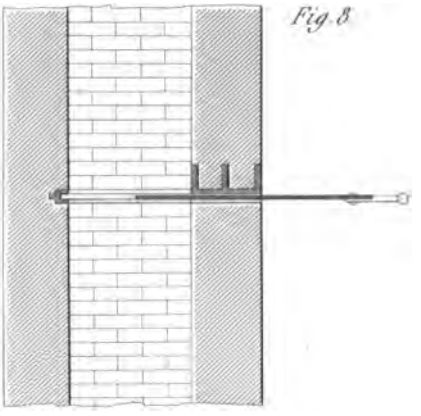

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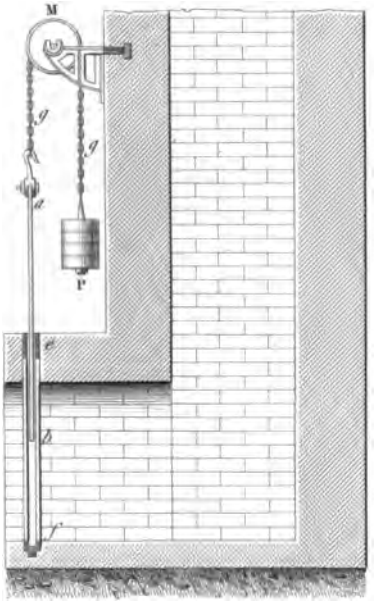

Fig. 11.

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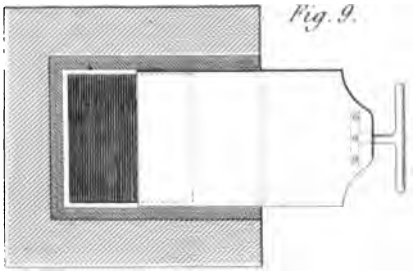

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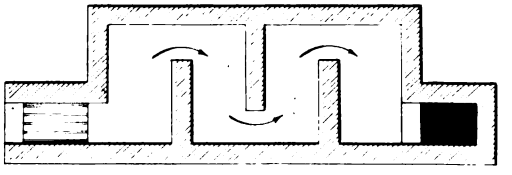

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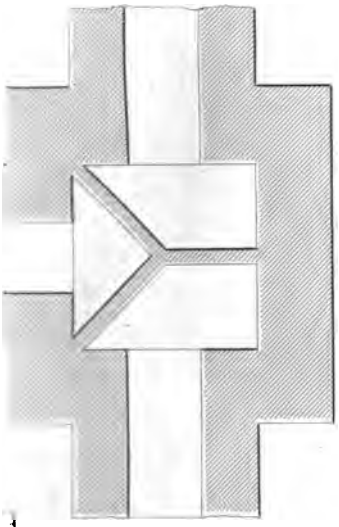

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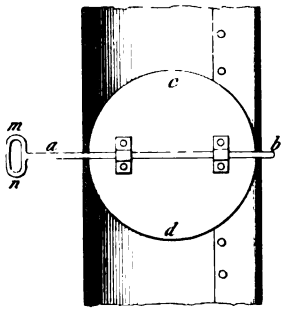

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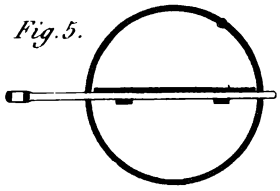

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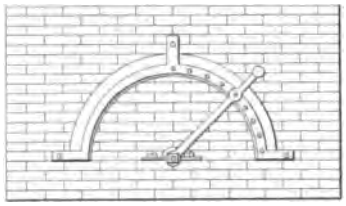

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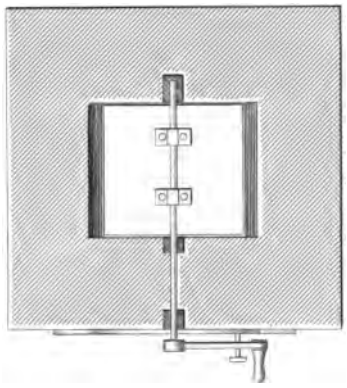

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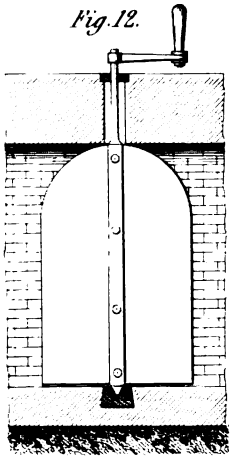

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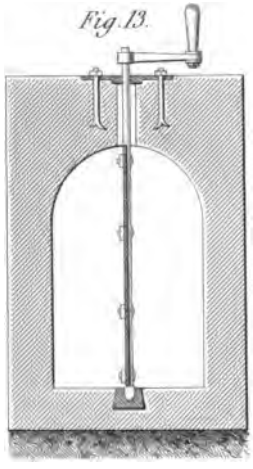

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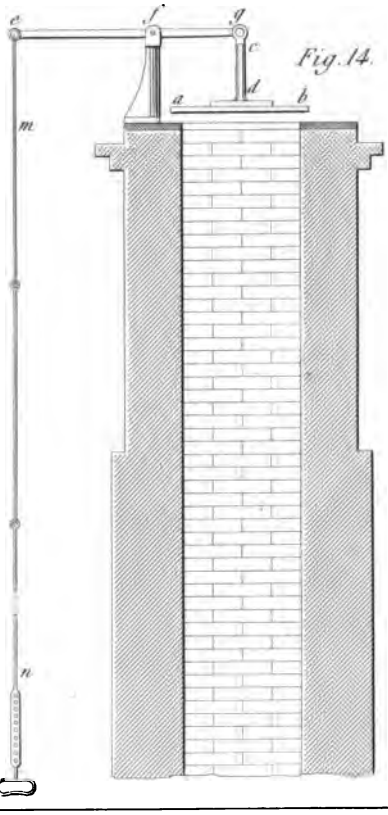

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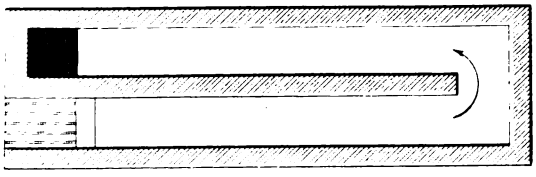

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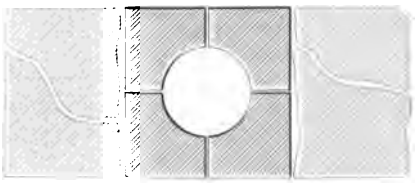

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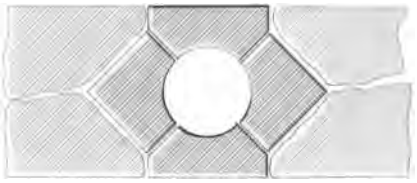

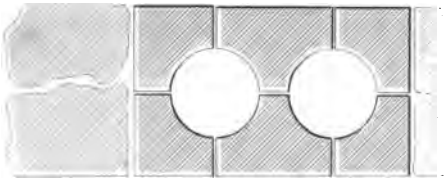

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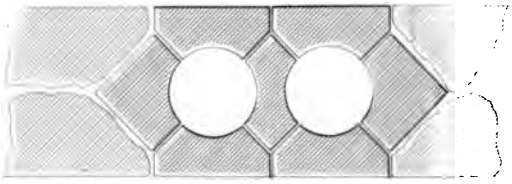

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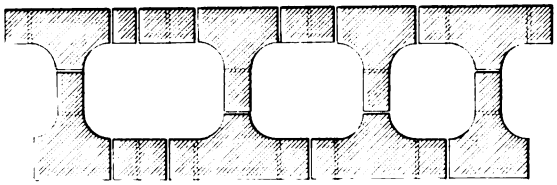

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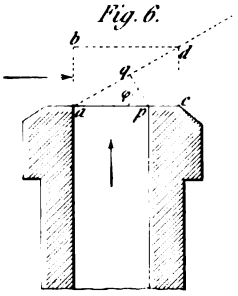

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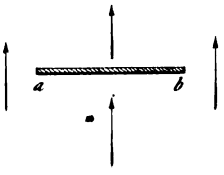

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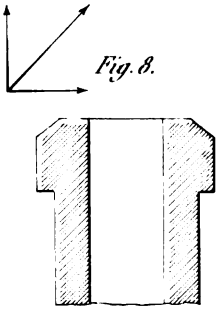

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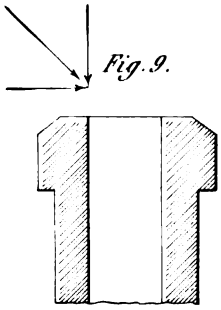
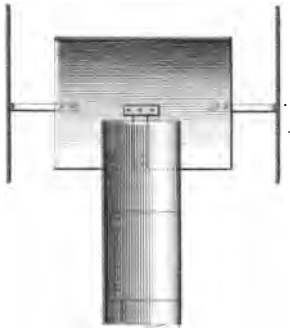


Fig. 10.

Fig. 16.

Fig. 17.



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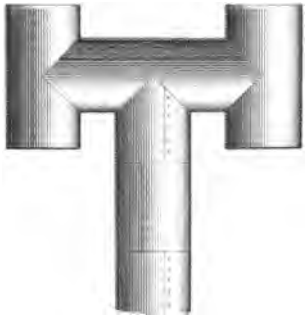

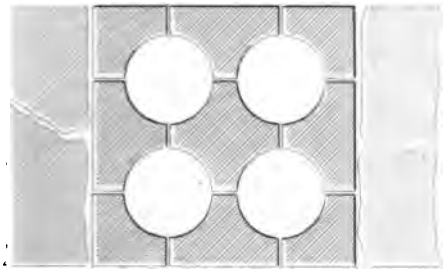

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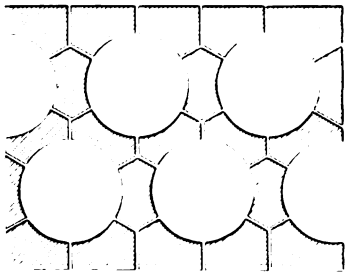

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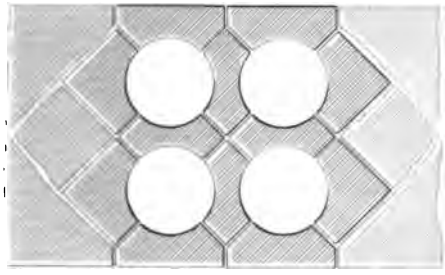

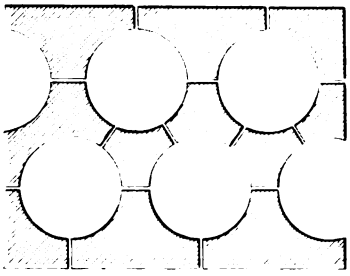

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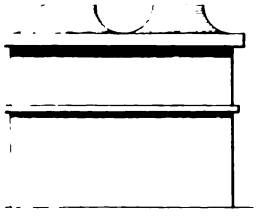

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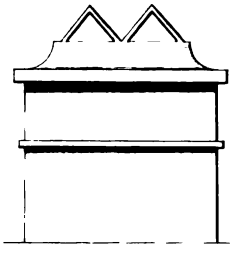
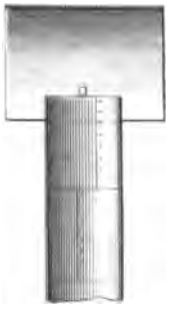


Fig. 13.

Fig. 14.



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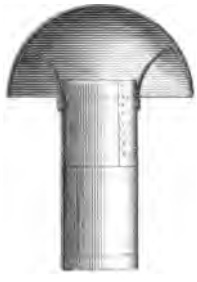
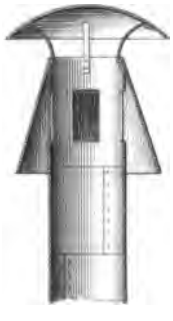


Fig. 19.

Fig. 20.

Fig. 21.

Fig. 22.



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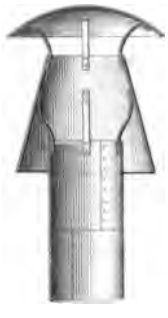

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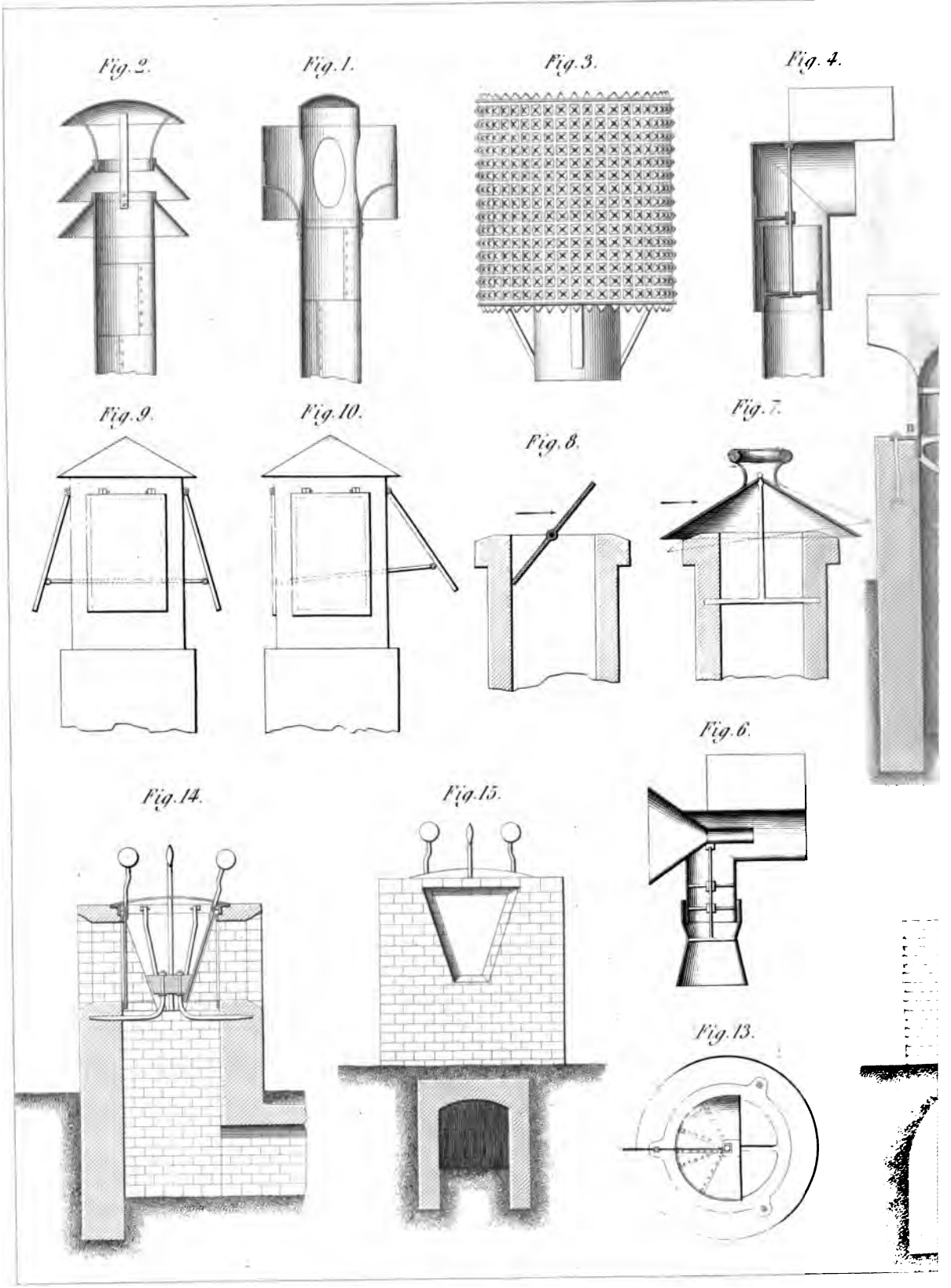
Fig. 2.
Fig. 1.
Fig. 3.
Fig. 4.
Fig. 9.
Fig. 10.
Fig. 8.
Fig. 7.
Fig. 6.
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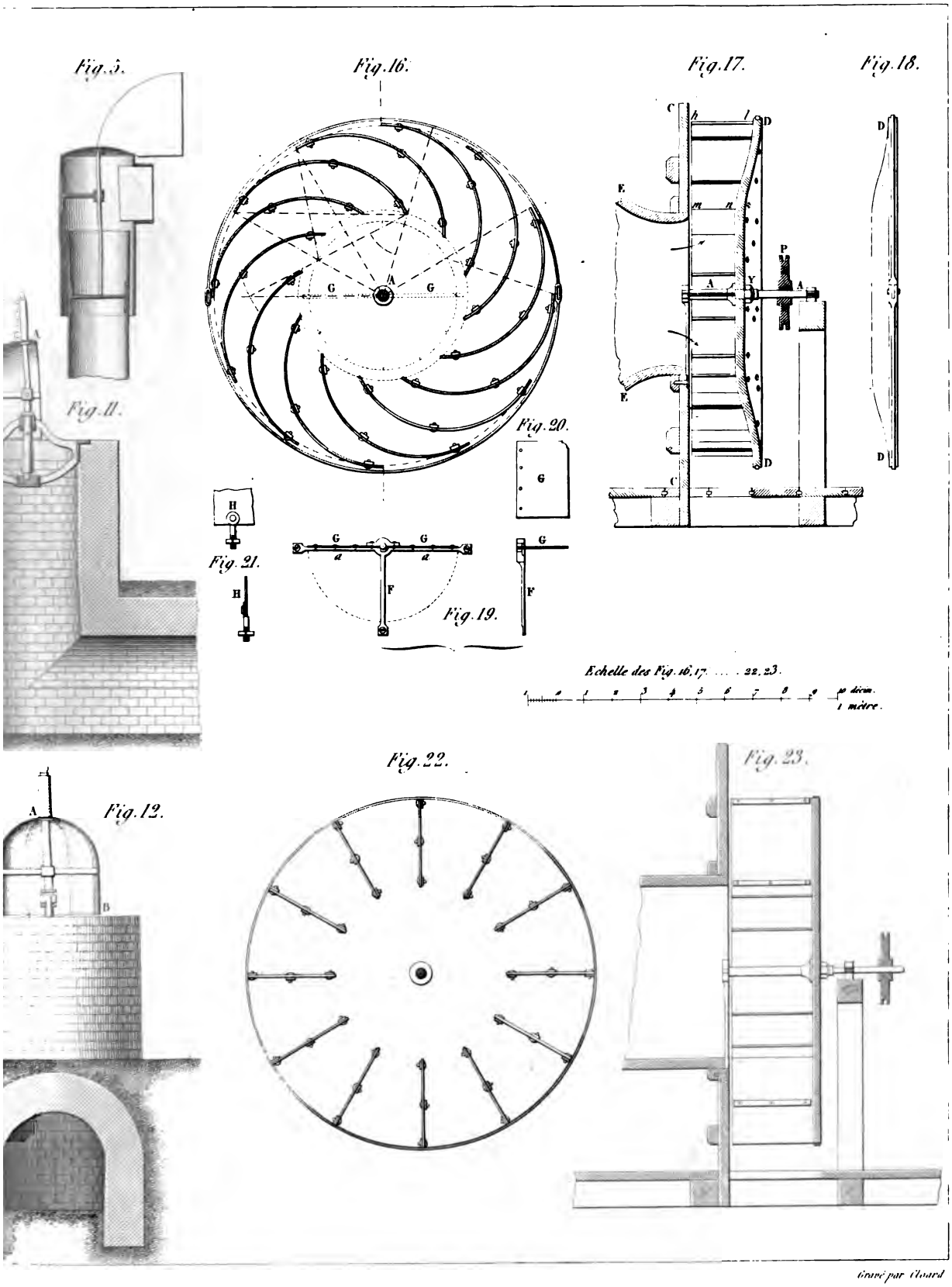
Fig. 15.
Fig. 13.



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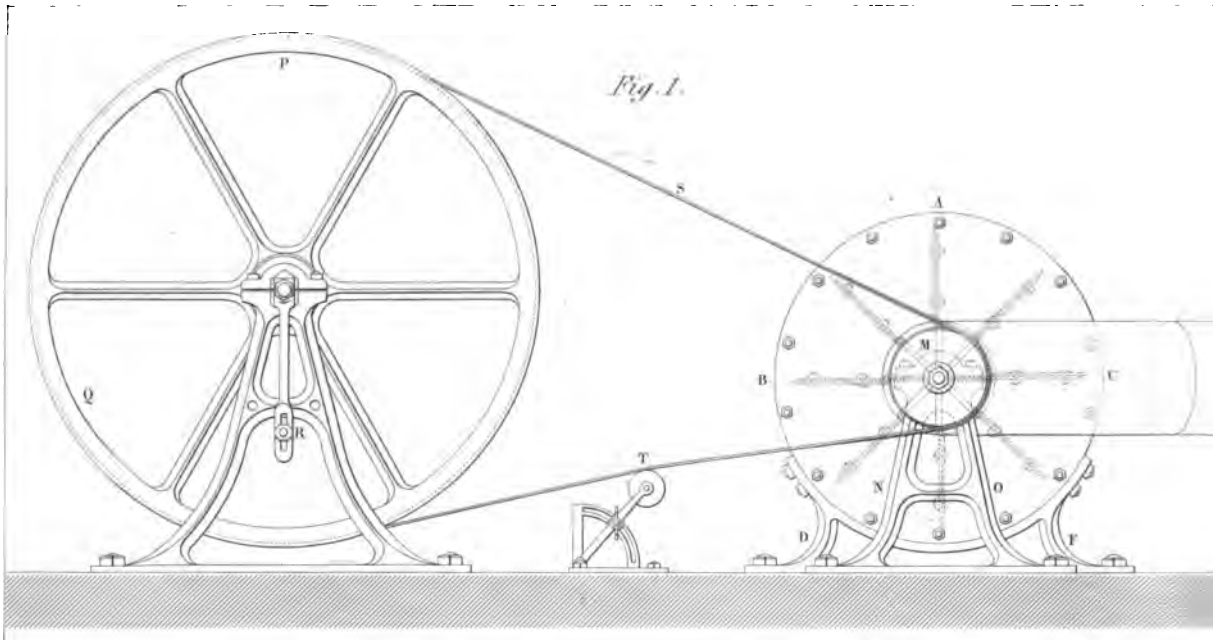

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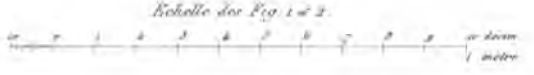

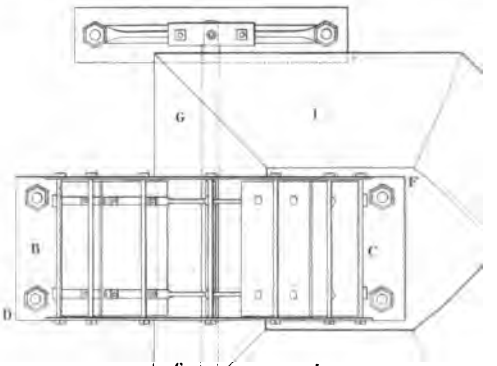

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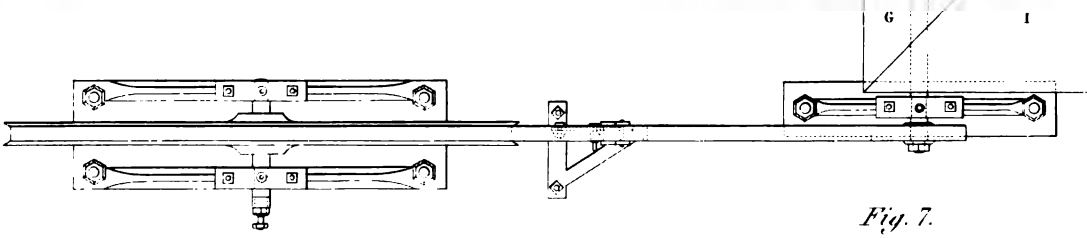

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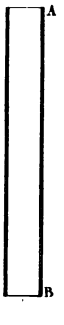

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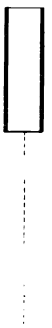

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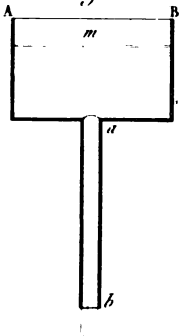

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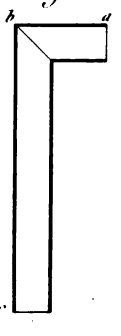

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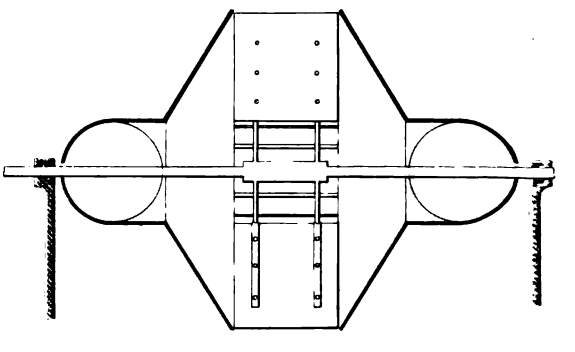

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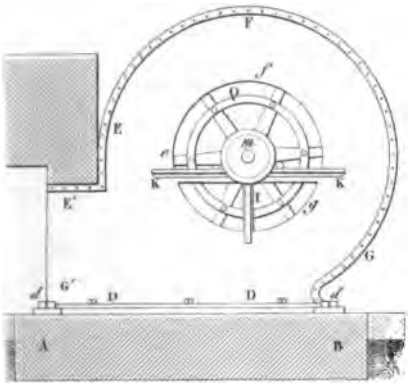
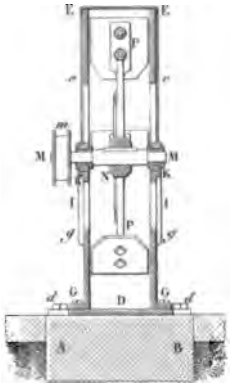


Fig. 9.



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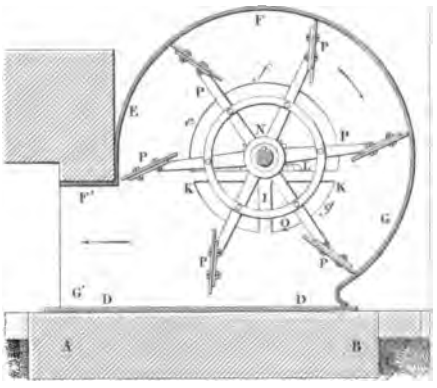

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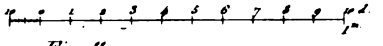
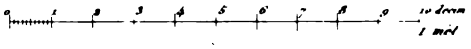


Echelle des Fig. 13 et 14.



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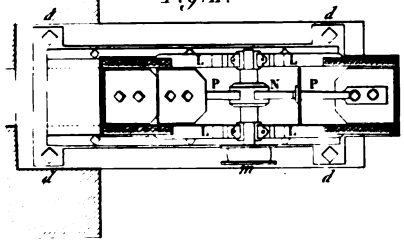

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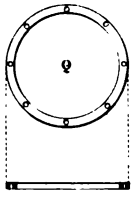

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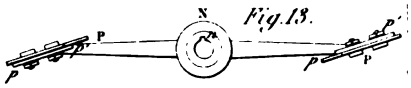

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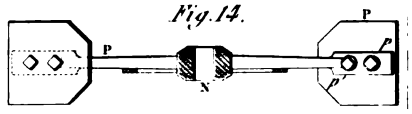

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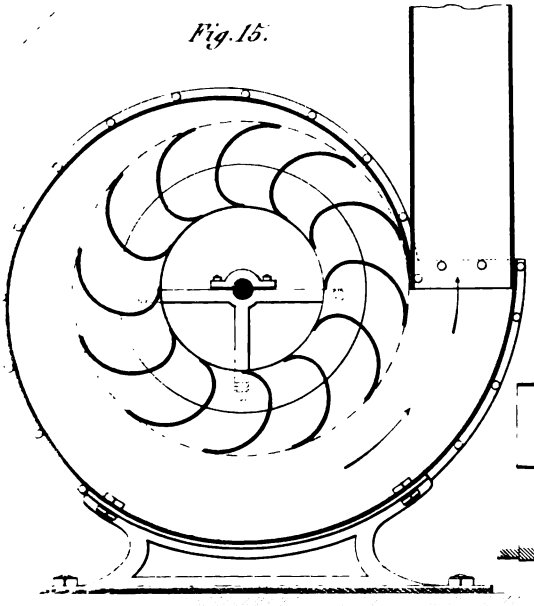

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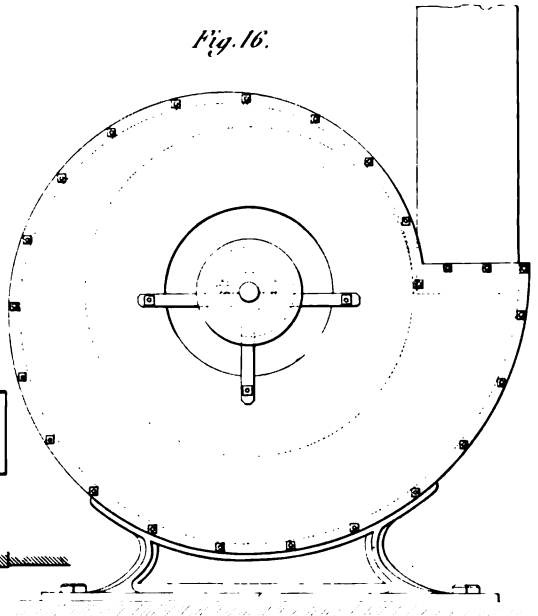

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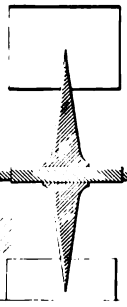
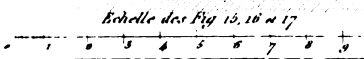


Echelle des Fig. 15, 16 et 17



Gravé par Clouard

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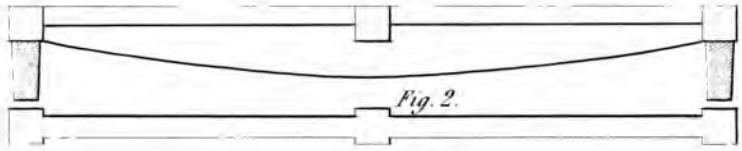
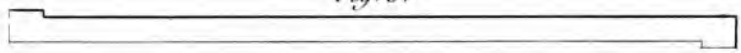
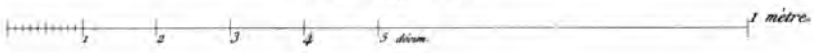


Fig. 2.

Fig. 3.



Echelle des Fig. 1, 2, 3, 4.



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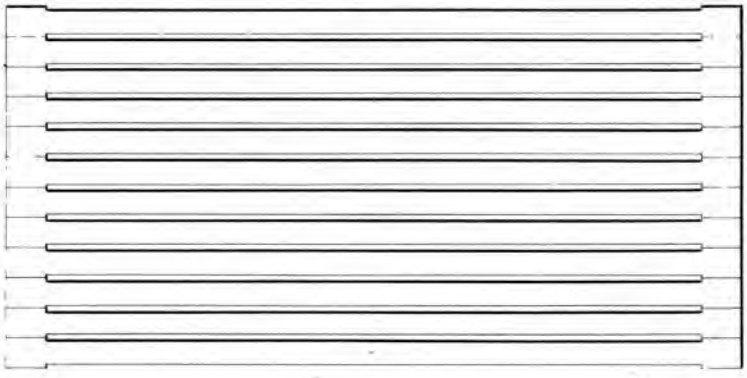

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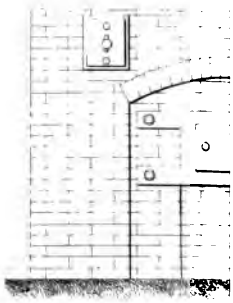

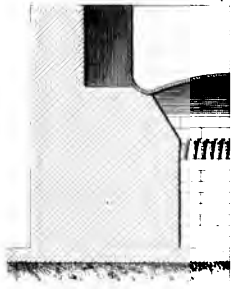

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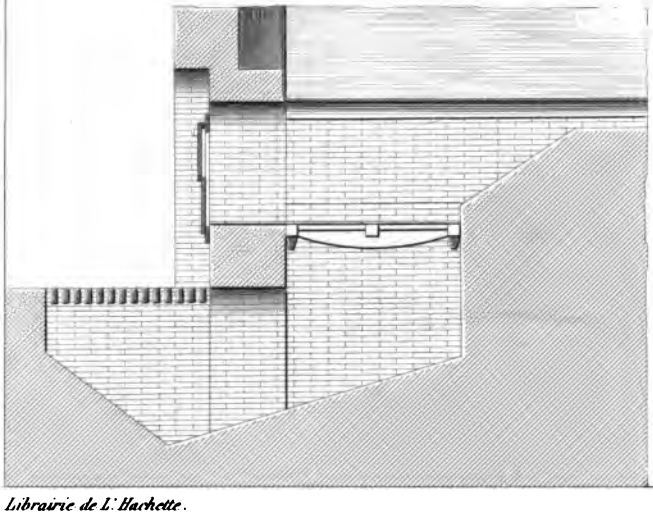

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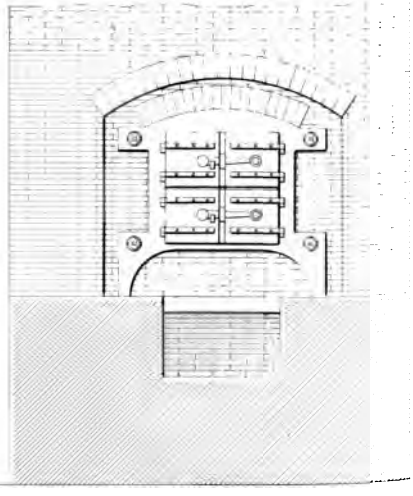

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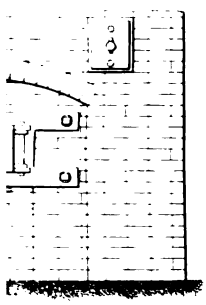

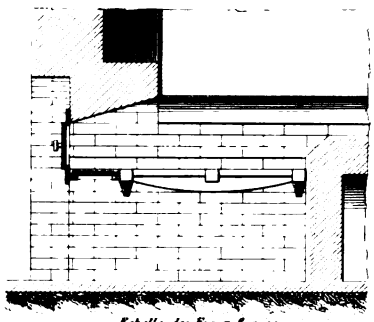

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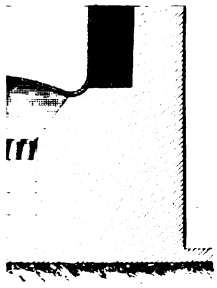

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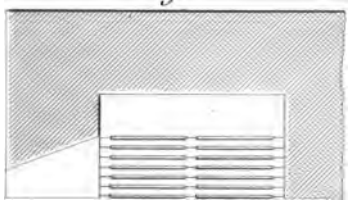

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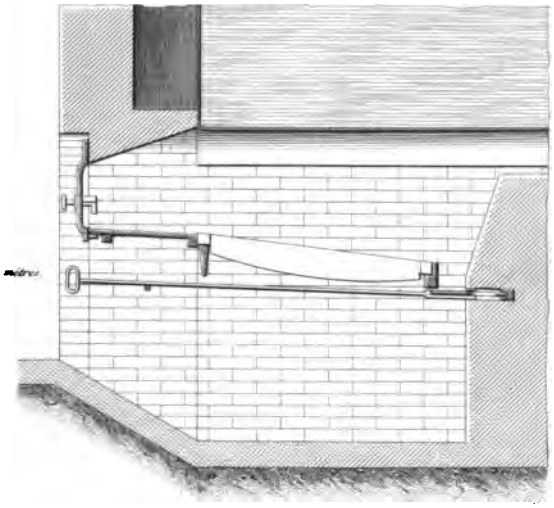

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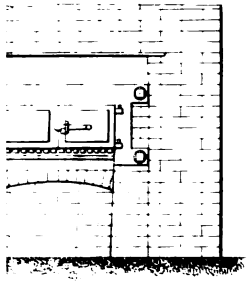

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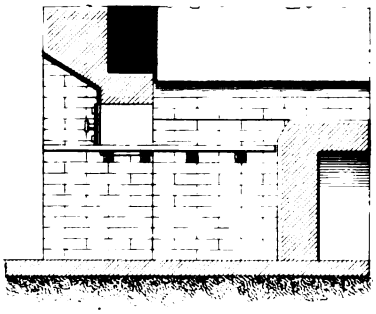

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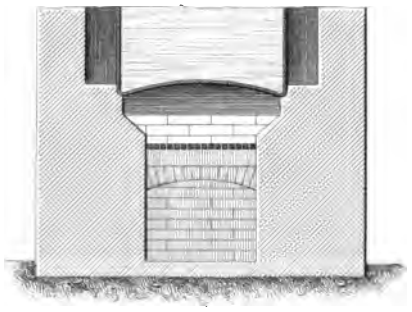

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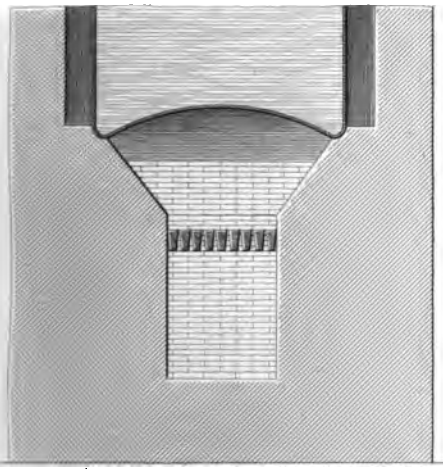

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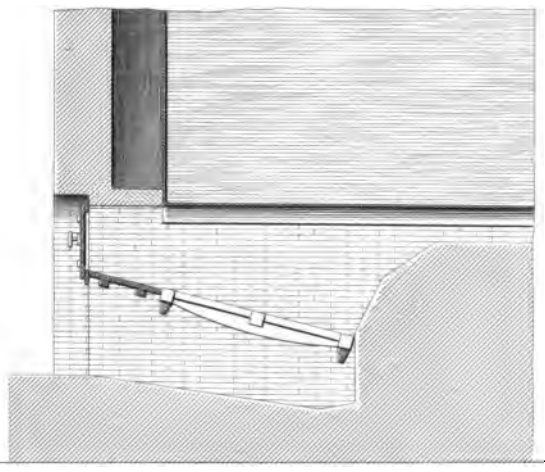

Gravé par Duran

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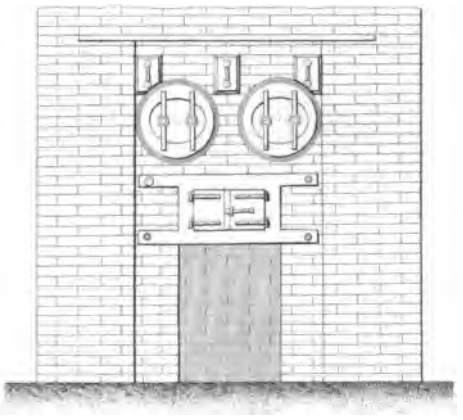

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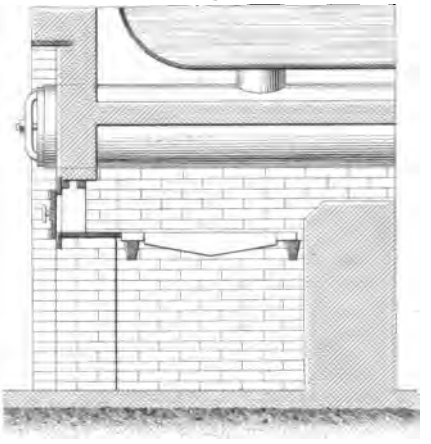
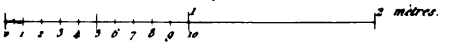


Echelle des Fig. 1, 2 et 3.



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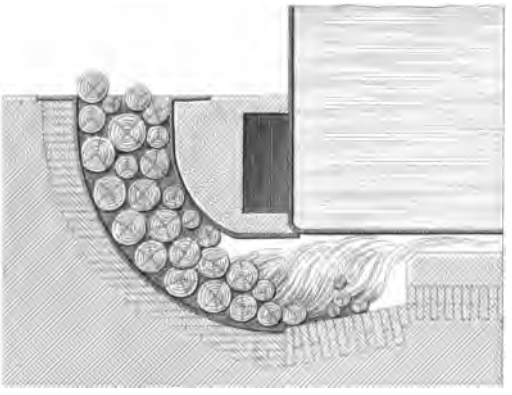

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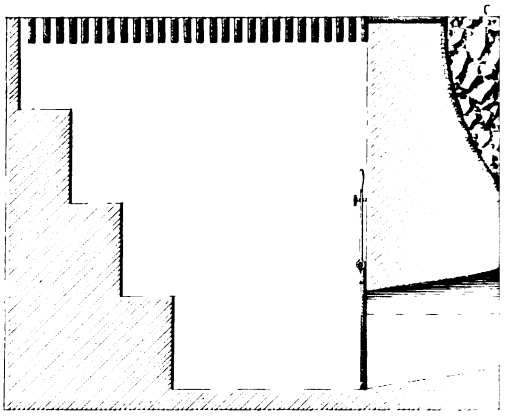

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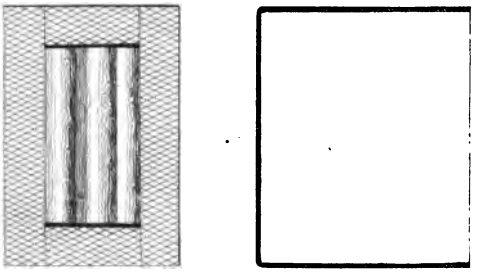

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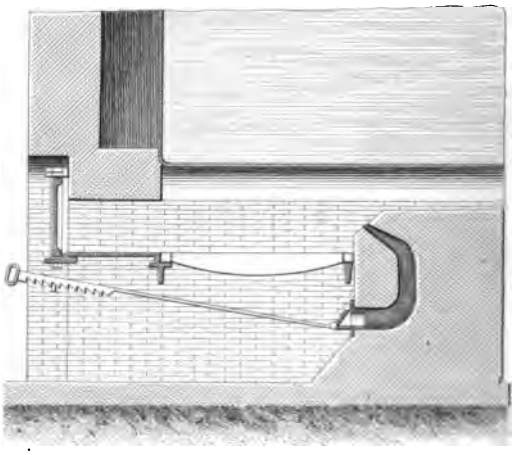

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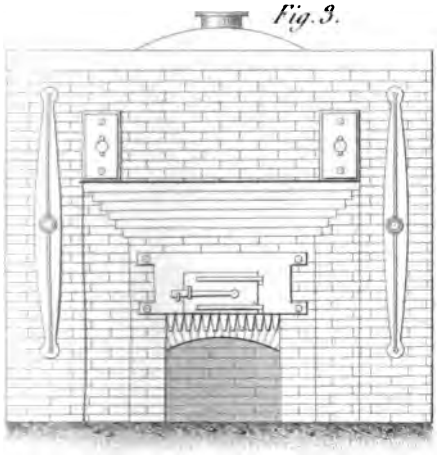

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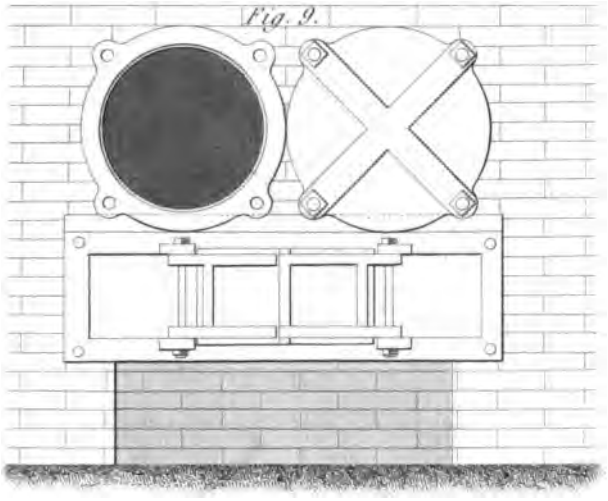

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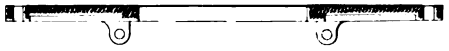
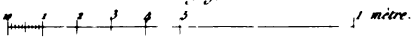
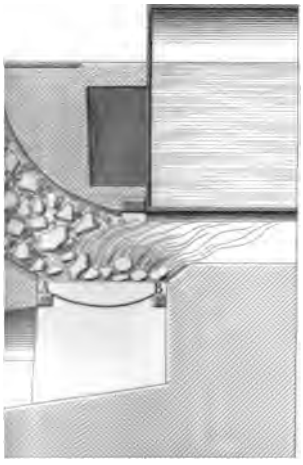


Fig. 11.

Echelle des Fig. 9, 10 et 11.





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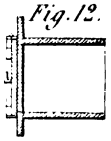

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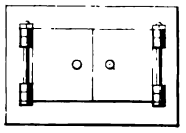

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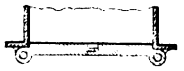

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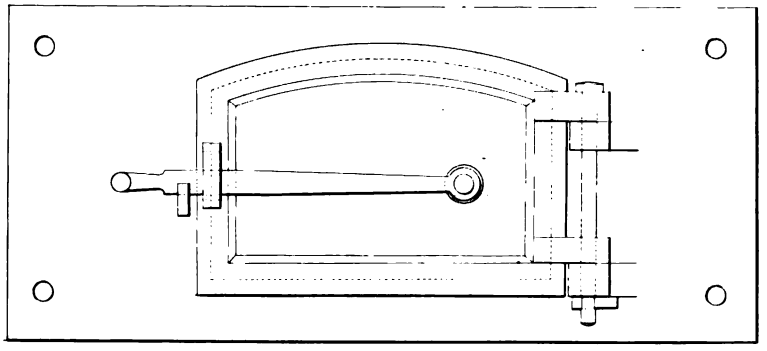

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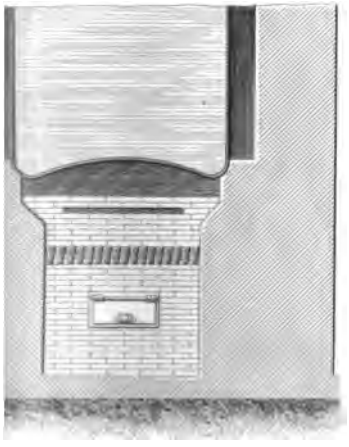

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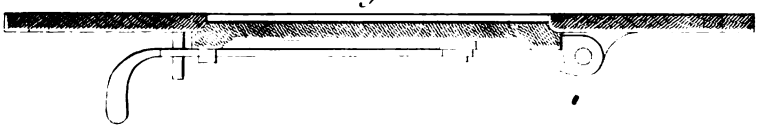

Gravé par Burin.

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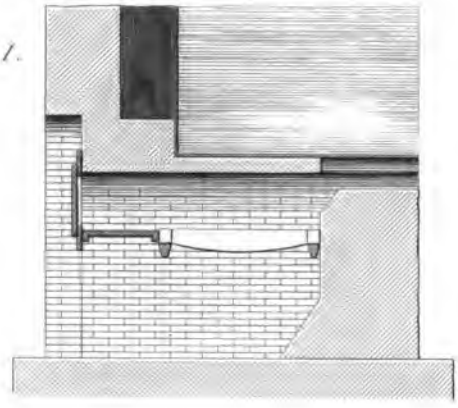

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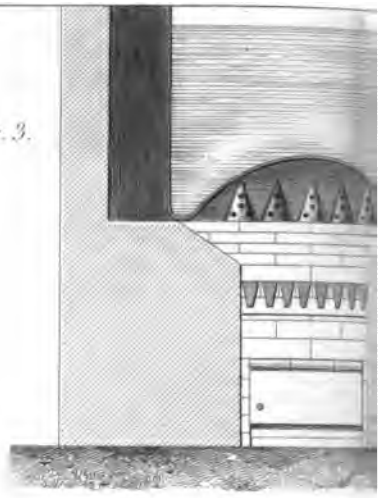

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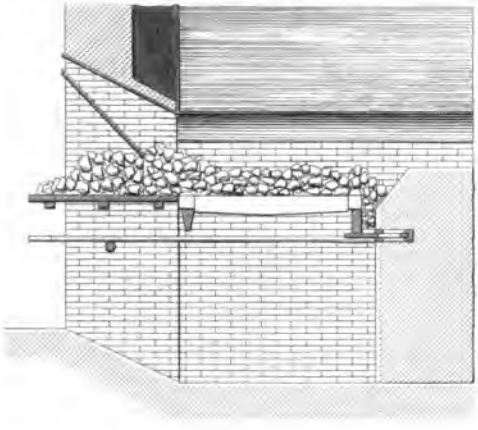

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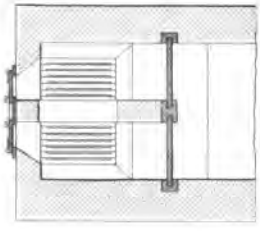

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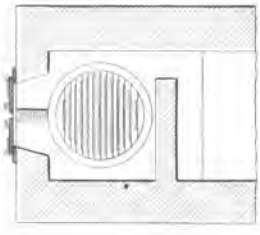

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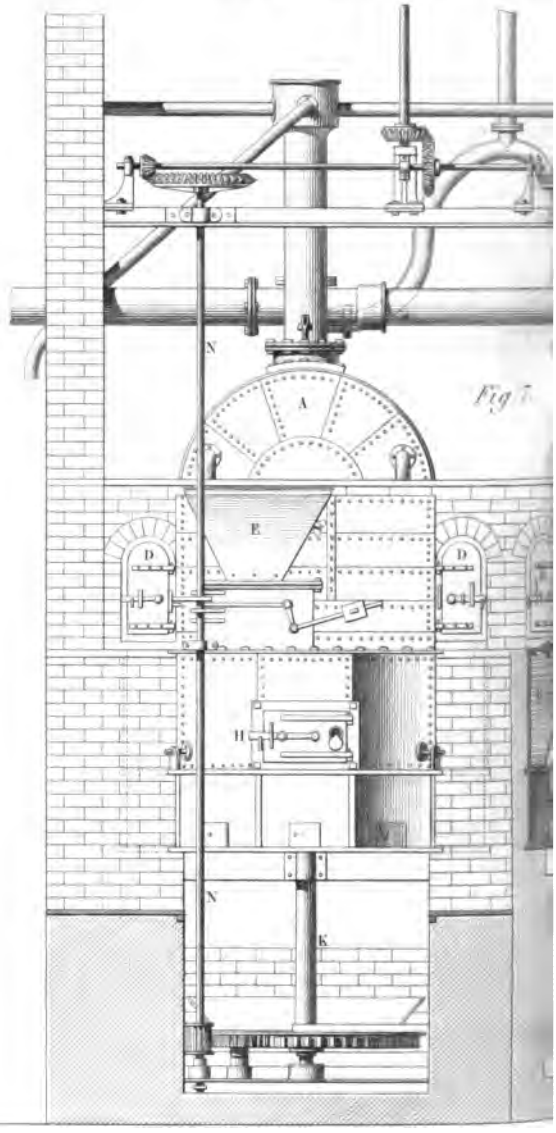

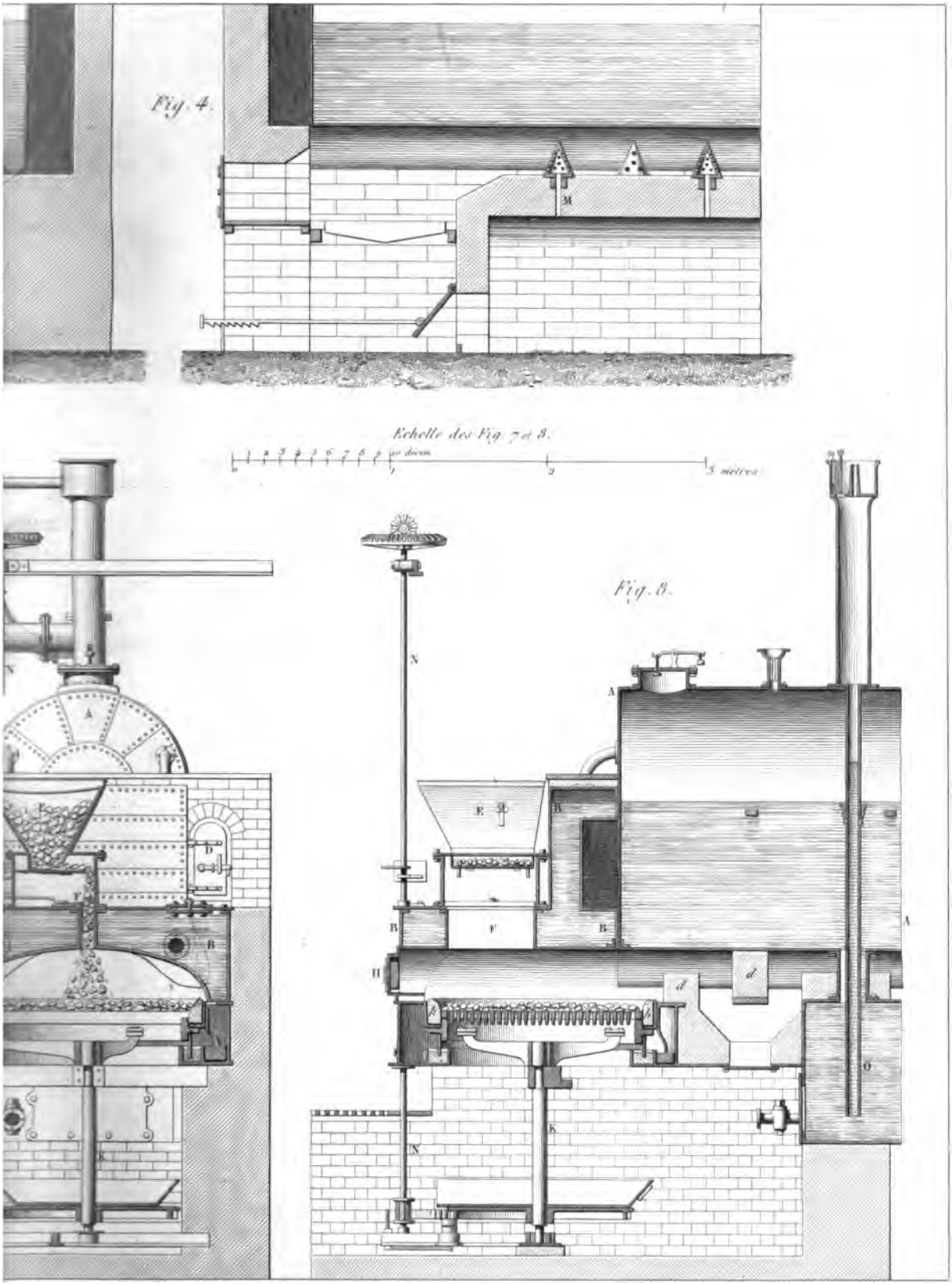

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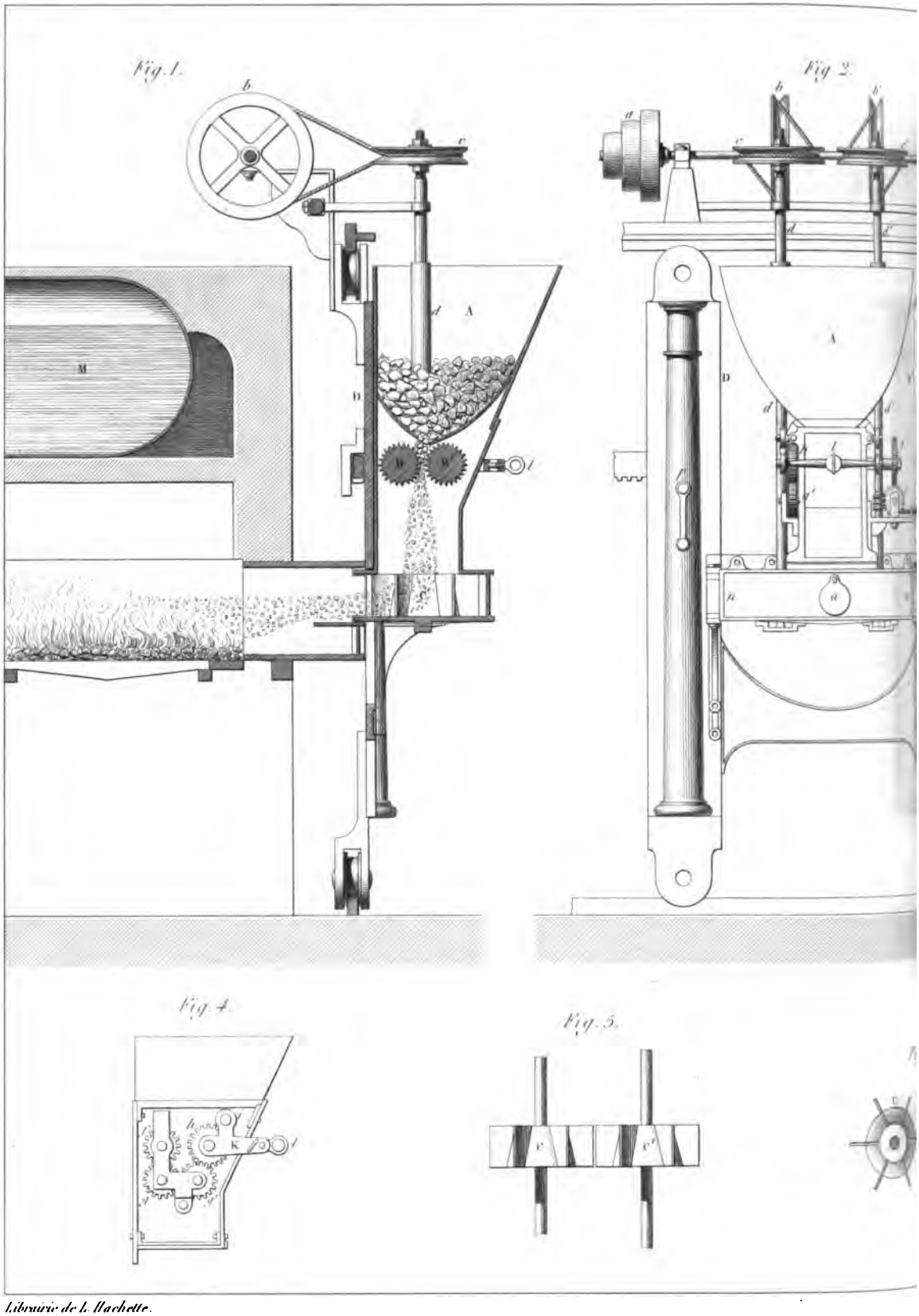

Librairie de L. Hachette.

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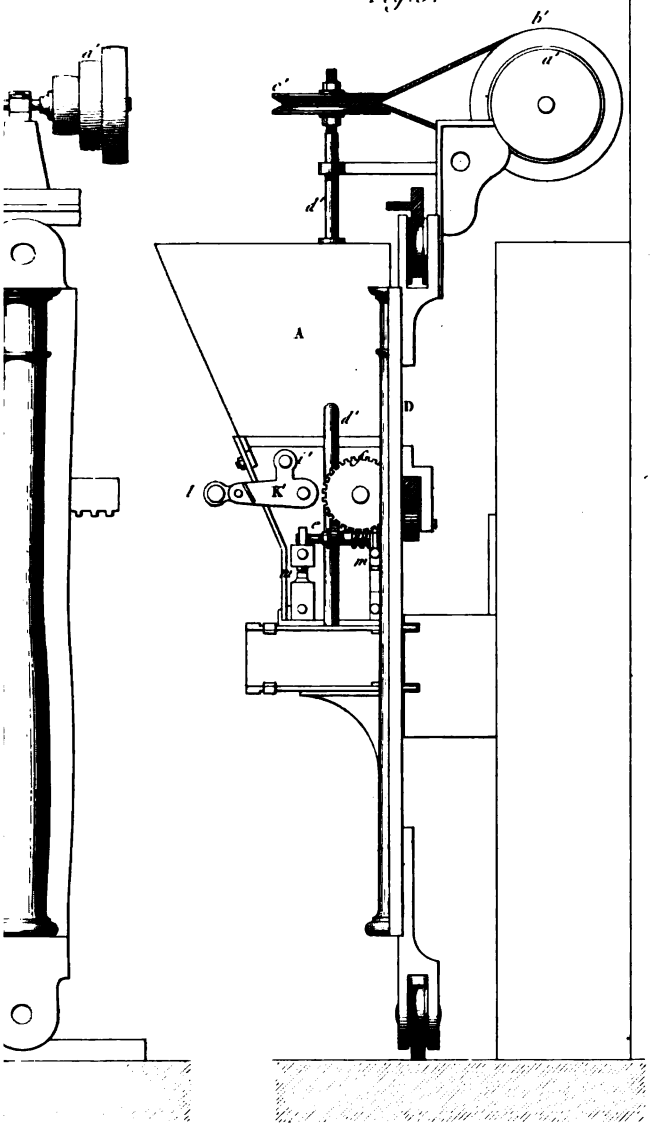

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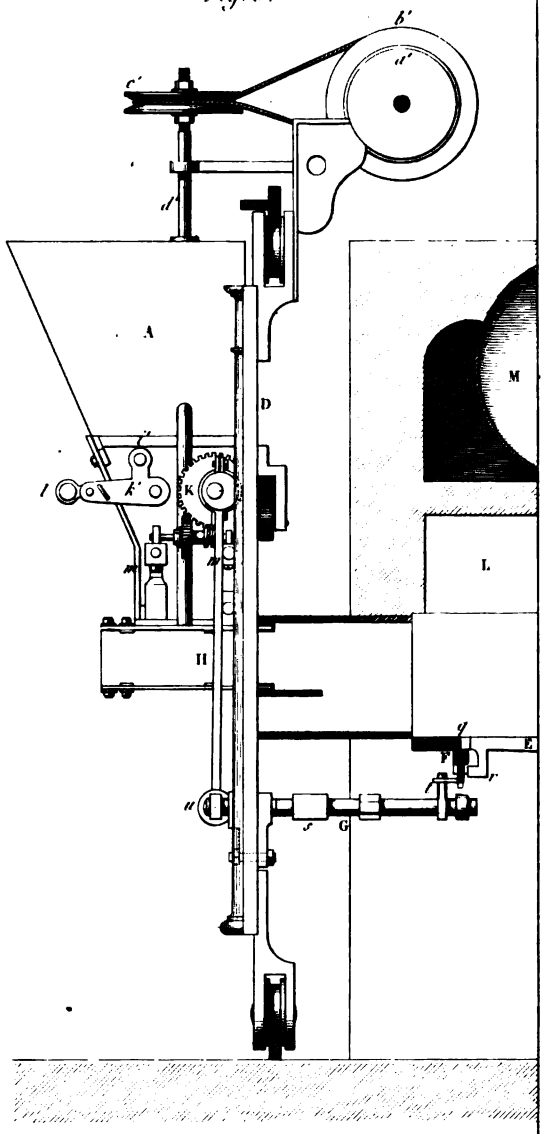

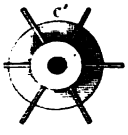

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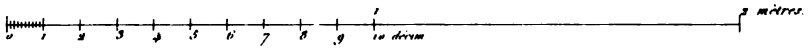

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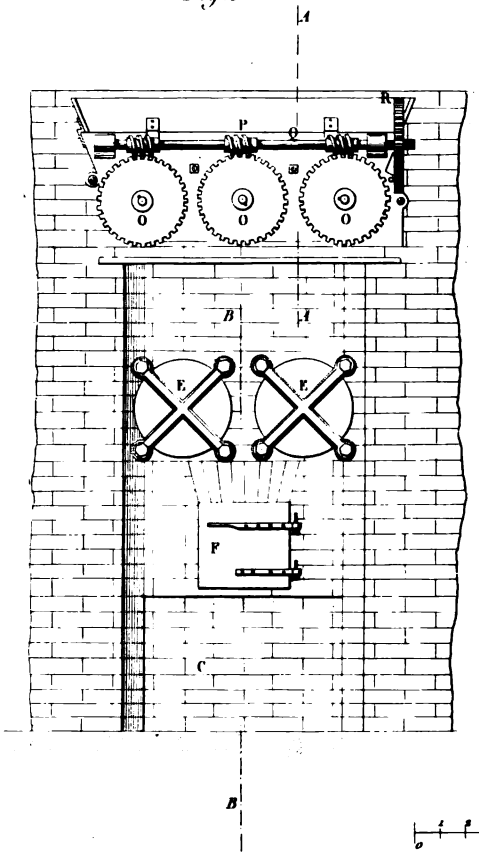

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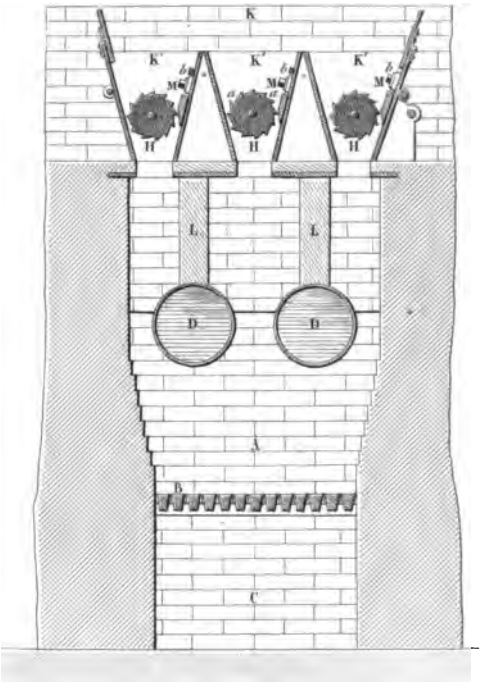

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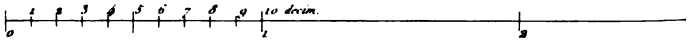

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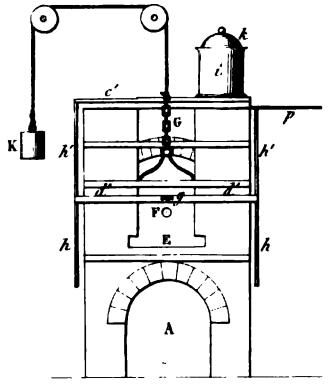

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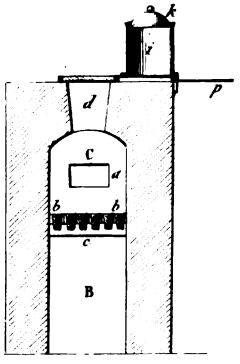

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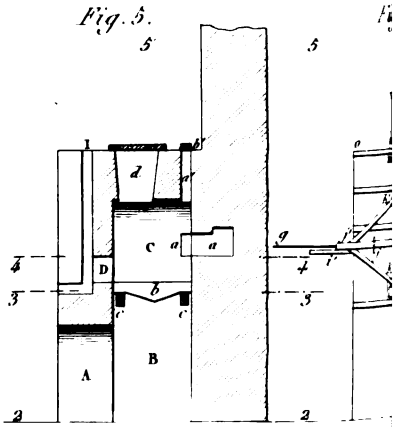

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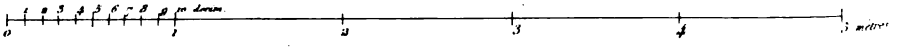

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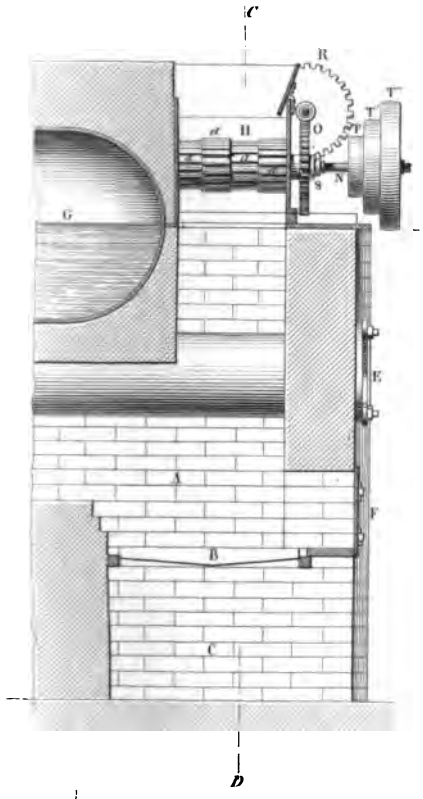

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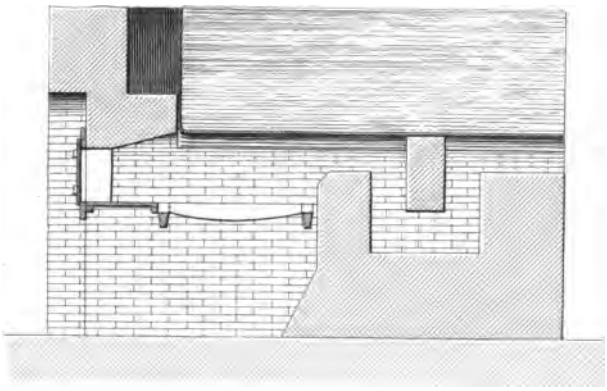

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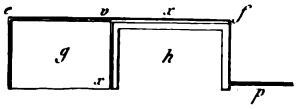

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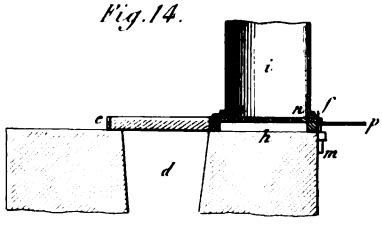

Fig. 13.

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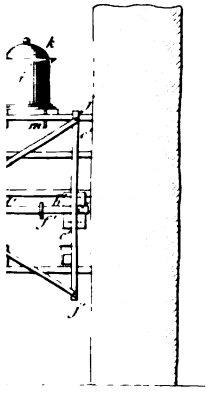

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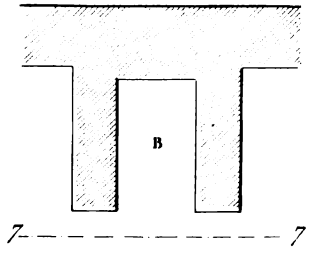

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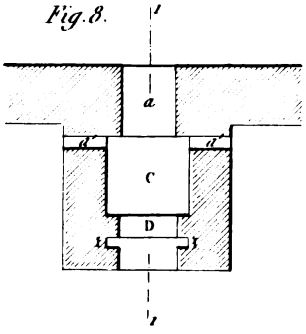

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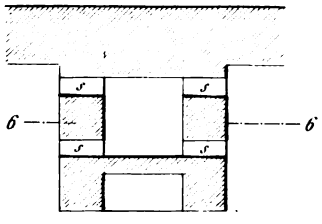

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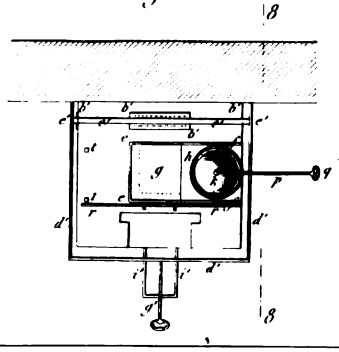

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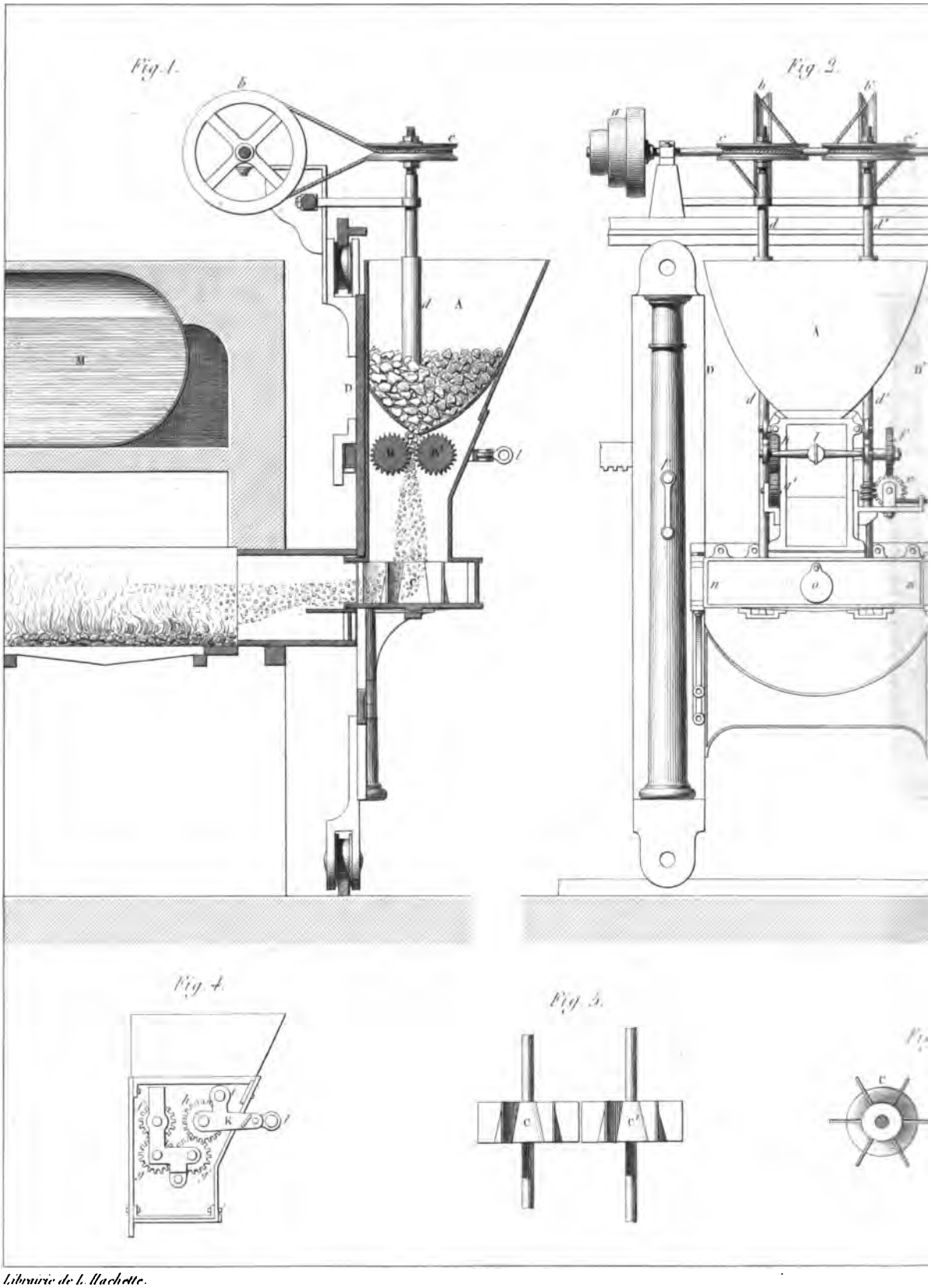
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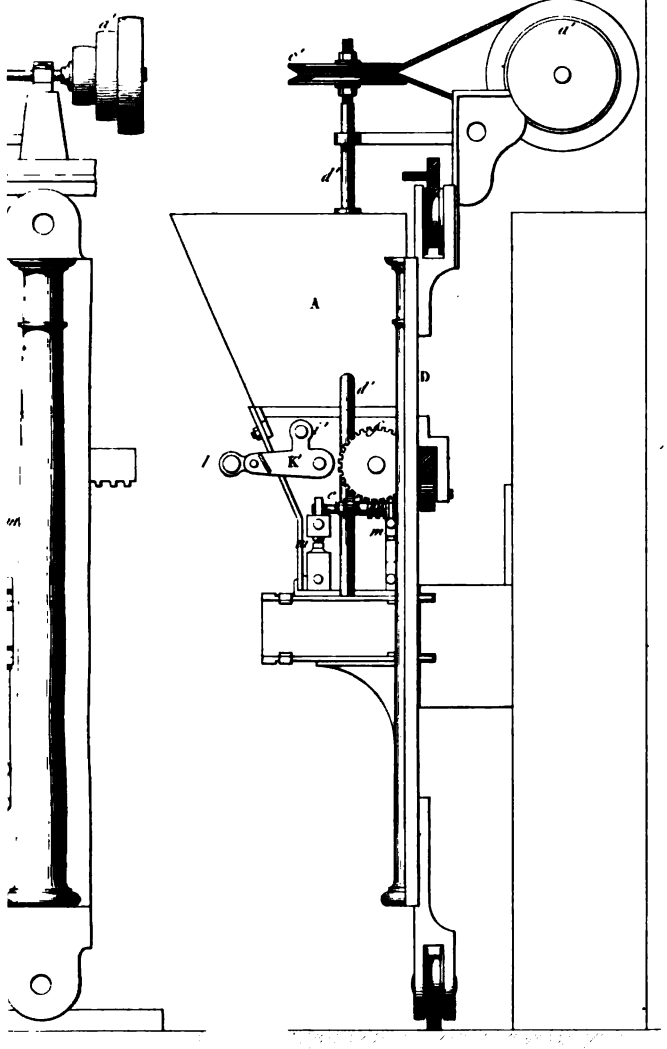
Fig. 2.
Fig. 4.
Fig. 5.

Fig. 3.



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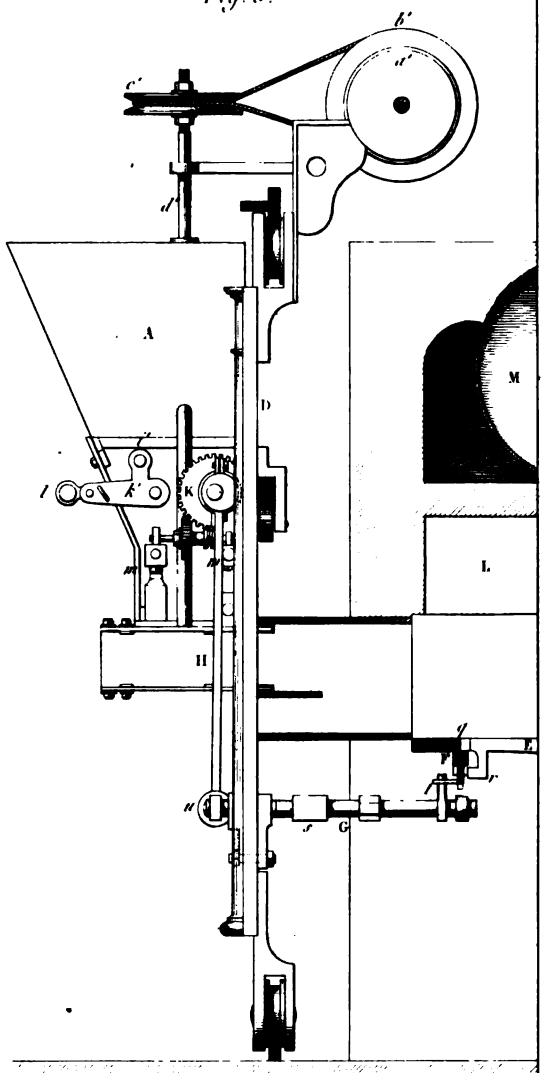

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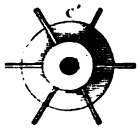

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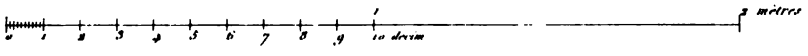

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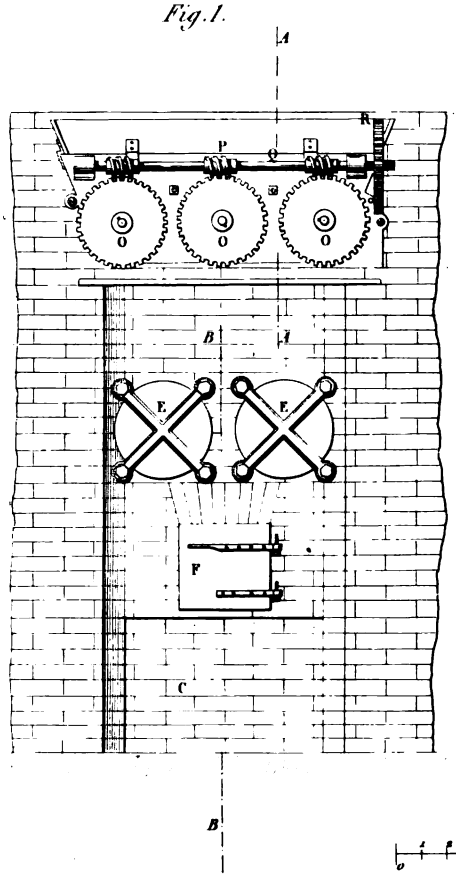

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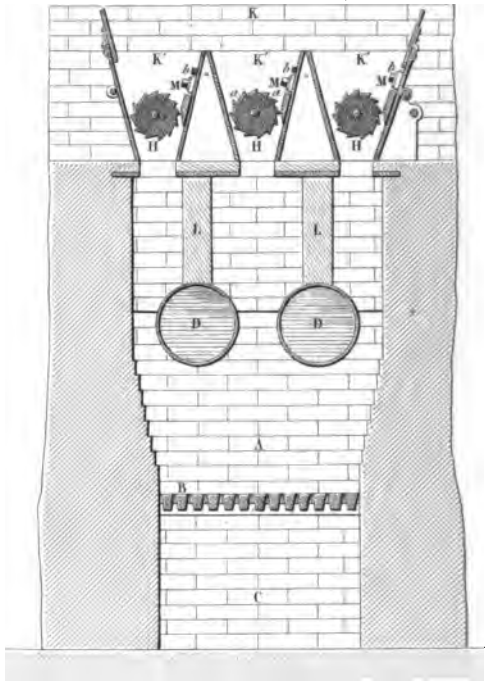

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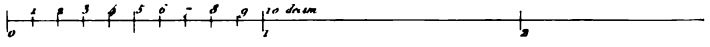

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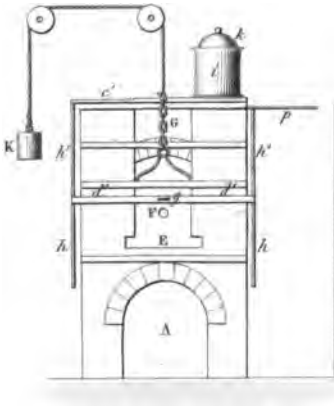

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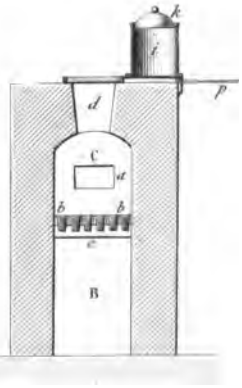

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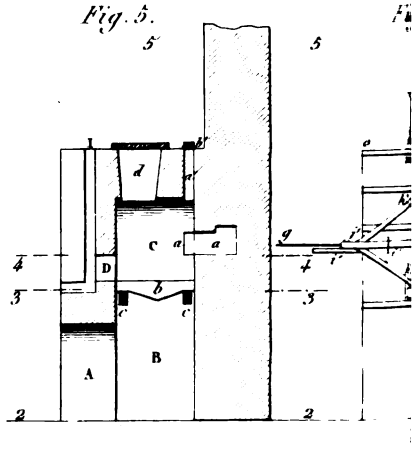

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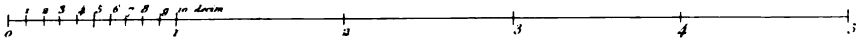

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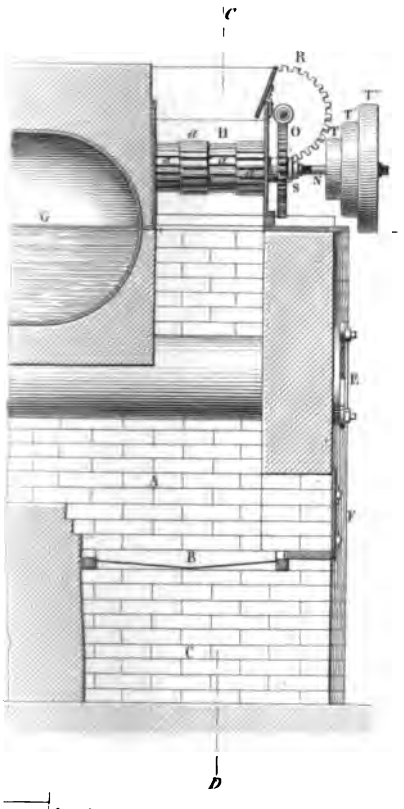

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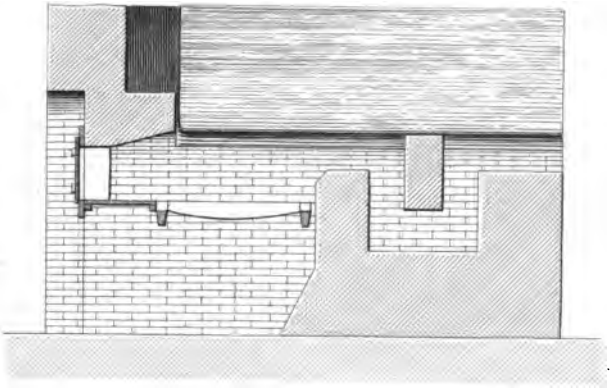

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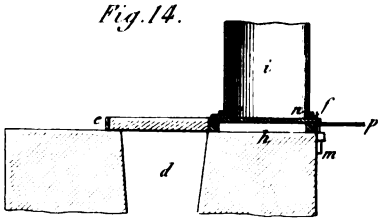

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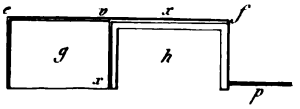

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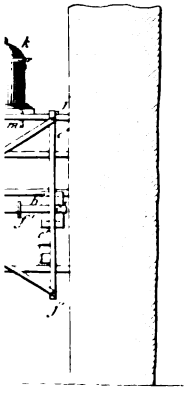

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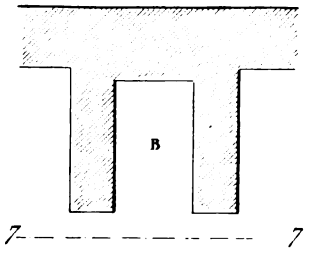

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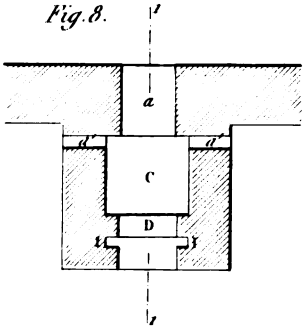

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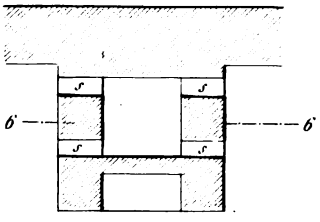

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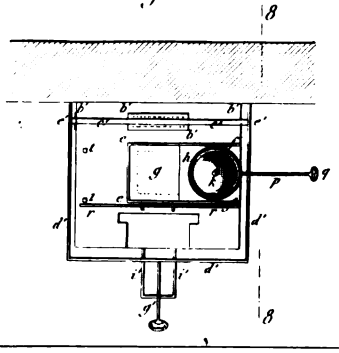

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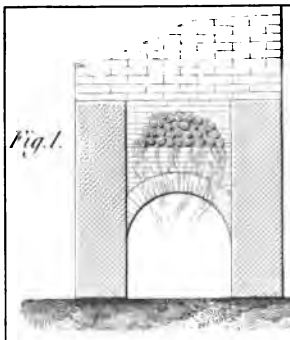

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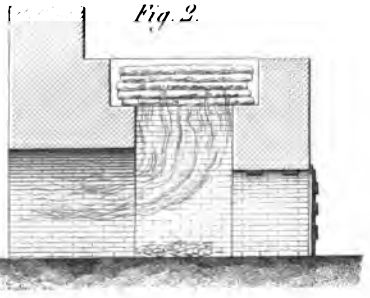

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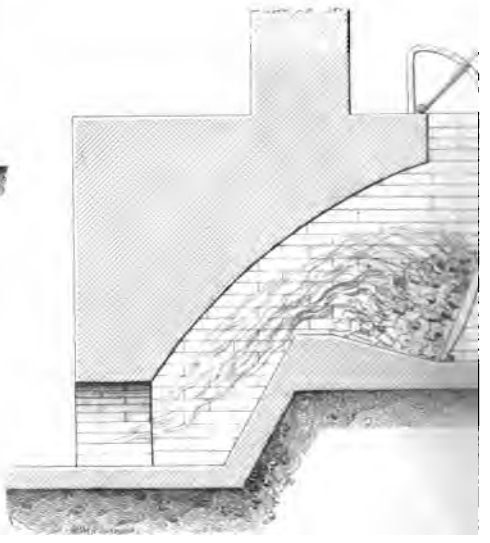

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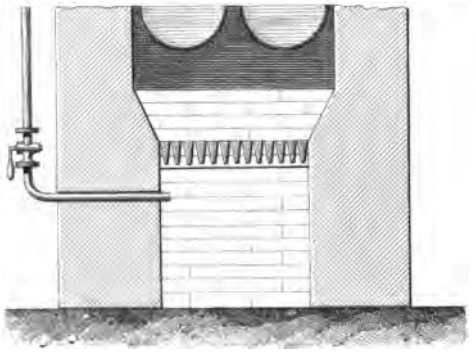

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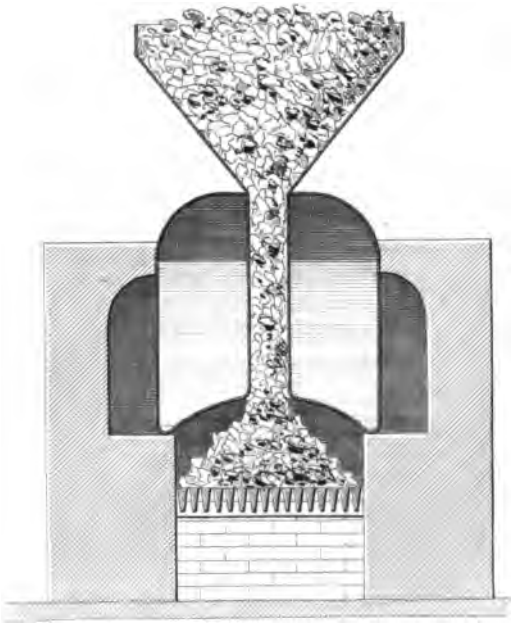

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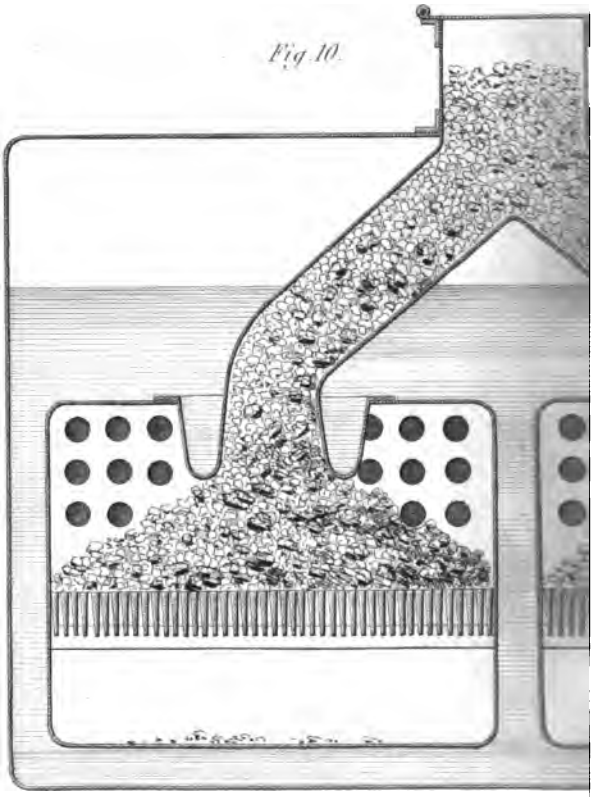

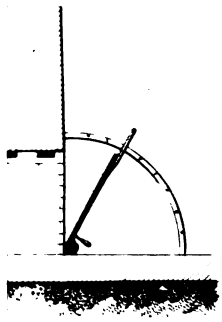

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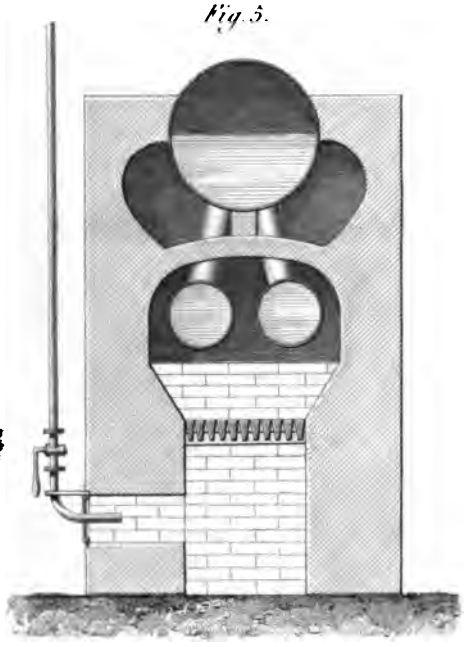
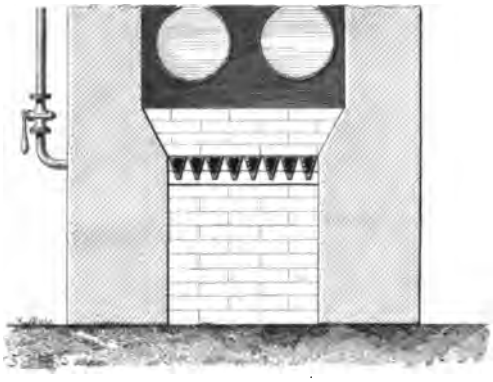


Fig. 7.



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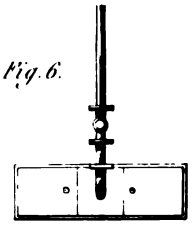
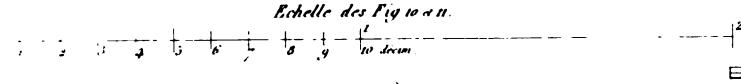


Fig. 8.

Echelle des Fig 10 et 11.



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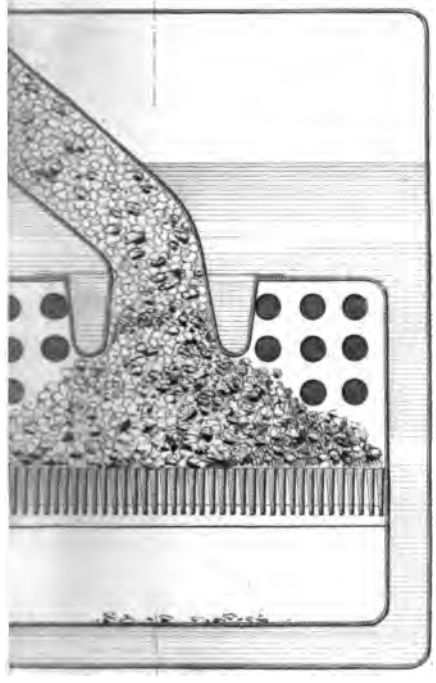

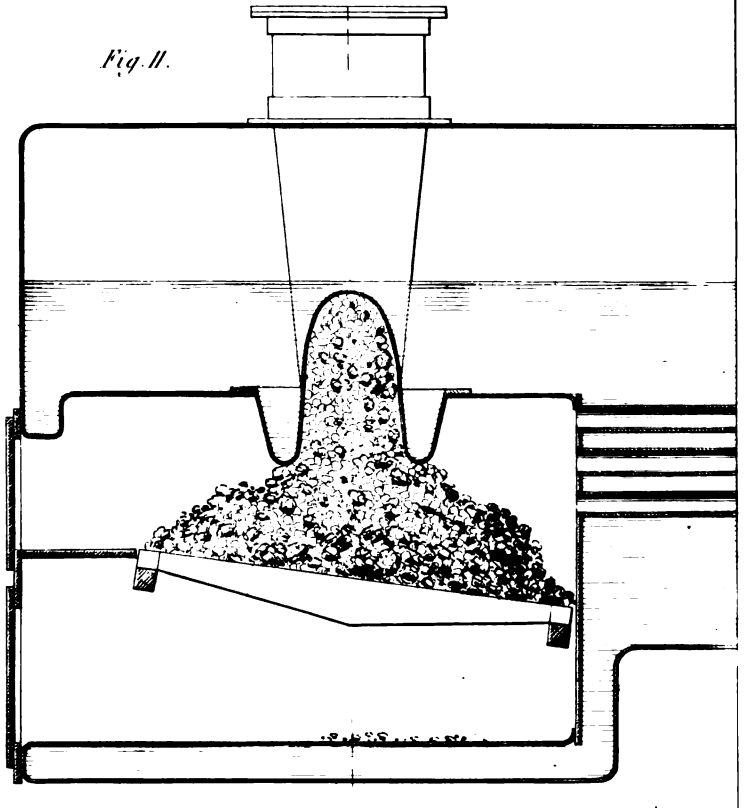

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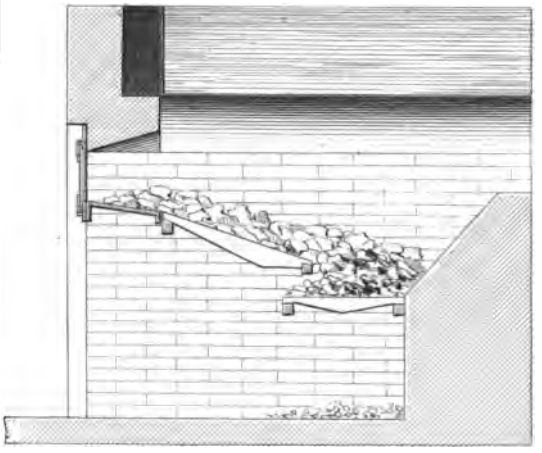

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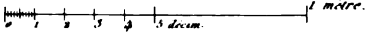

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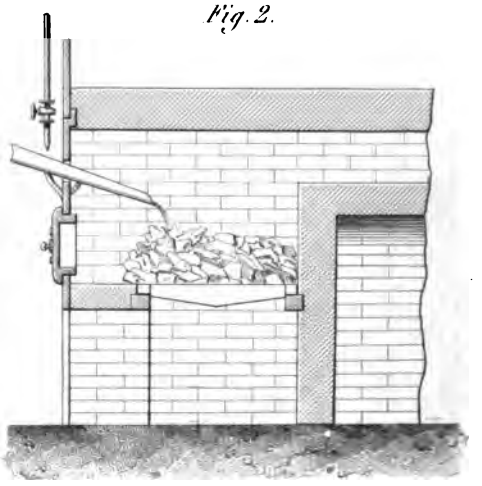

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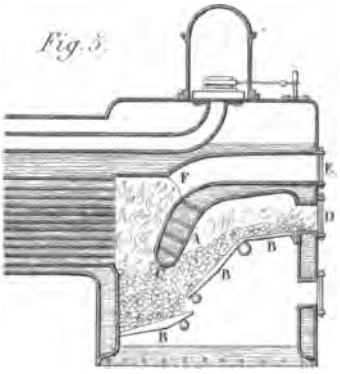

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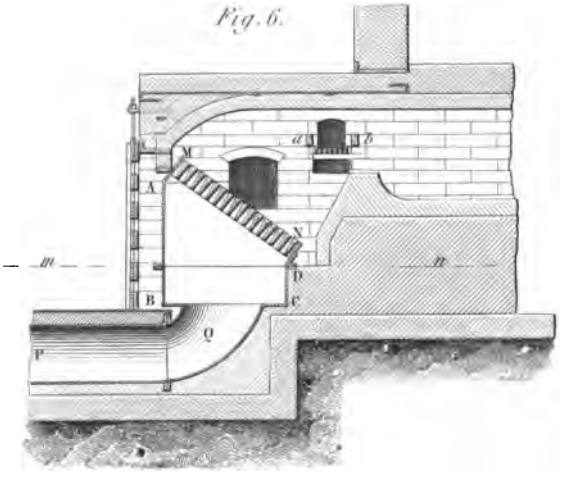
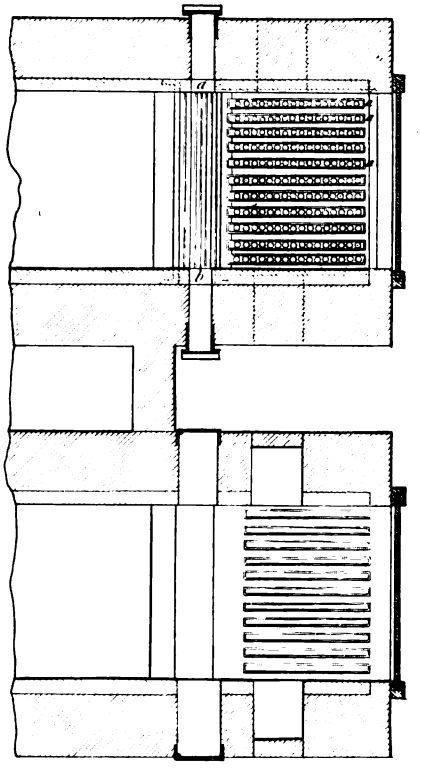
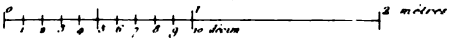


Fig. 7.

Fig. 8.



Echelle des Fig. 6, 7, 8, 9 et 10.



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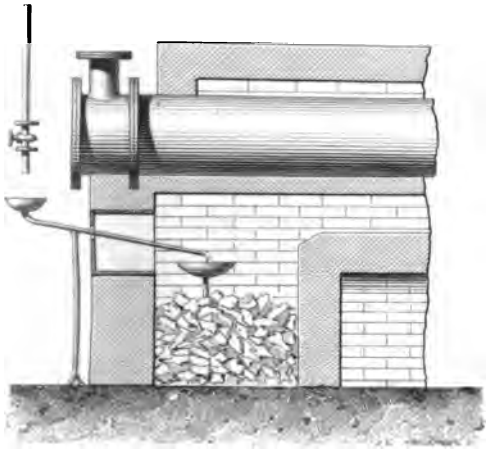

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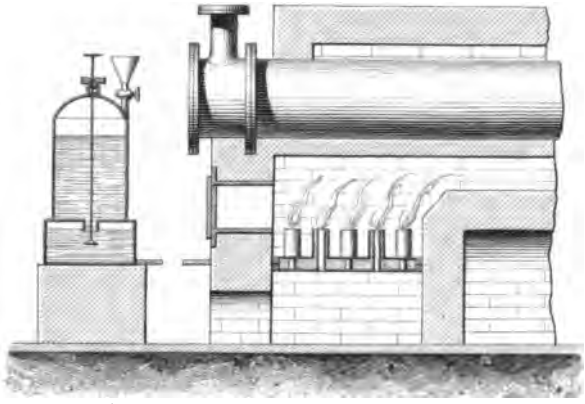


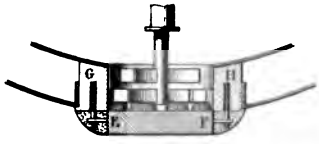
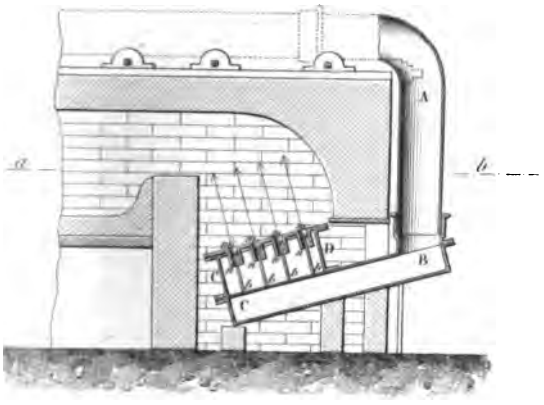


Fig. 13.

Fig. 9.



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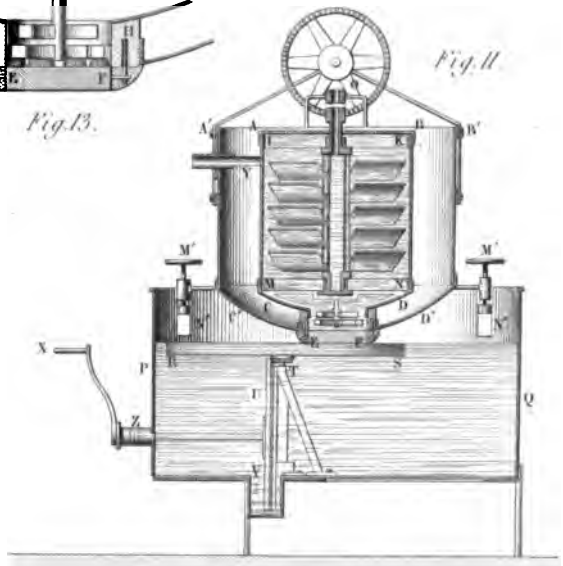
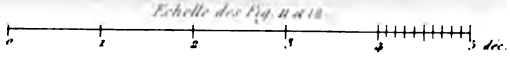


Echelle des Fig. 11 & 13.



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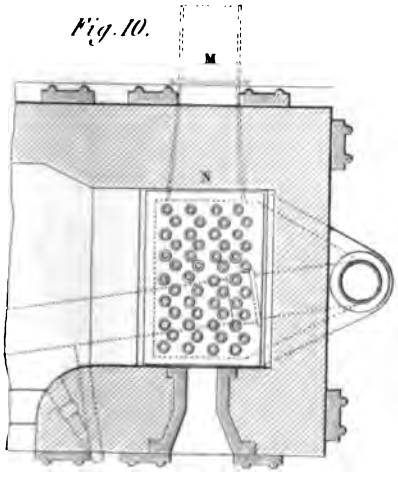

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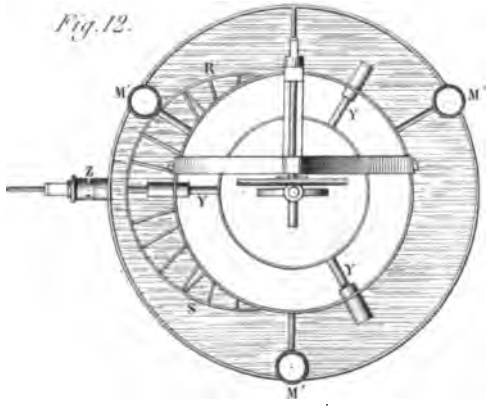

Gravé par Normand aîné

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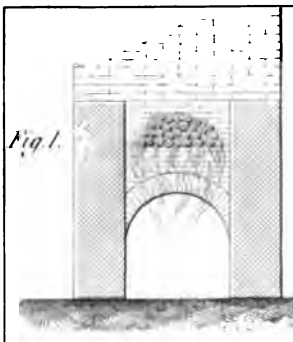

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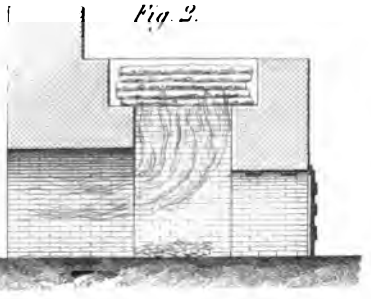

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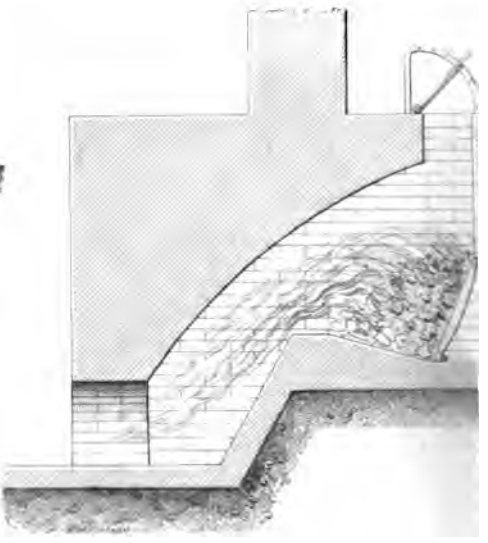

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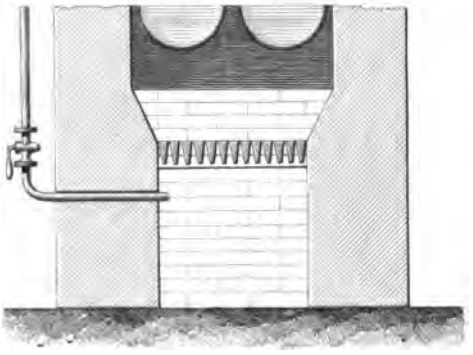

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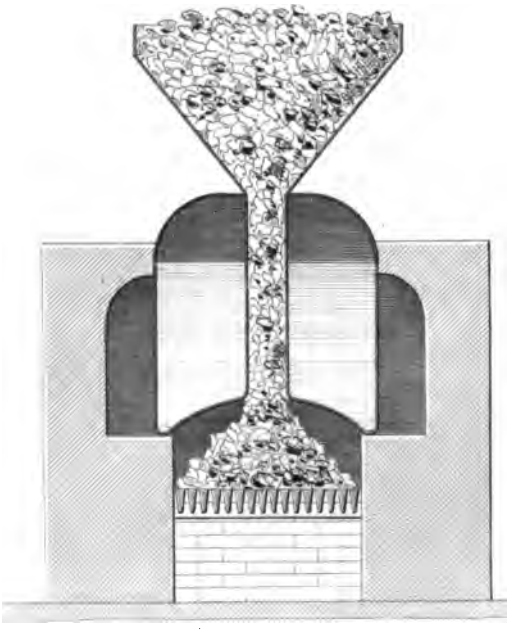

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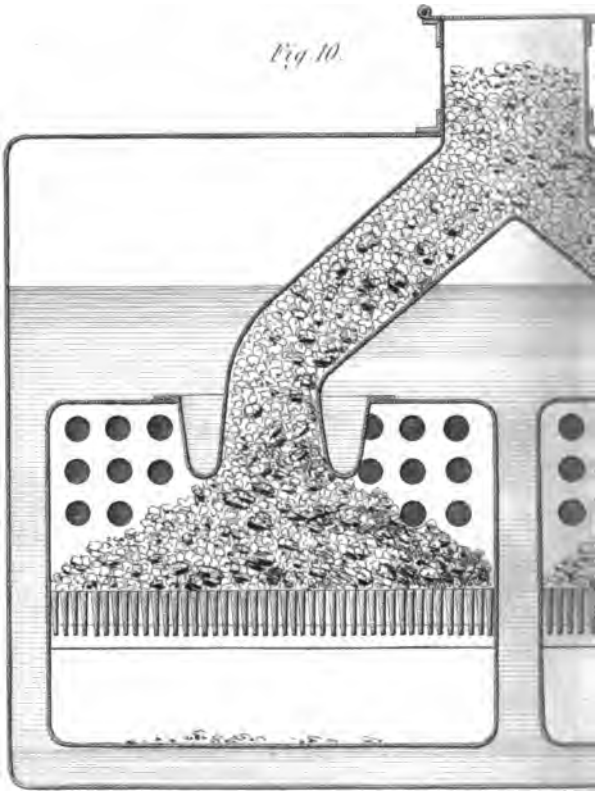

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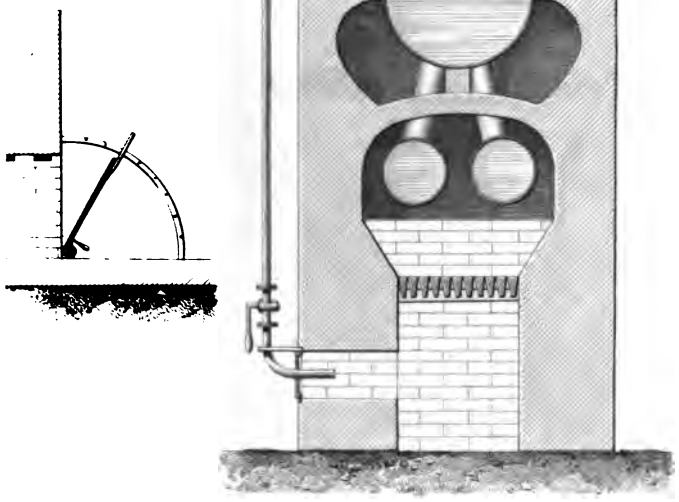

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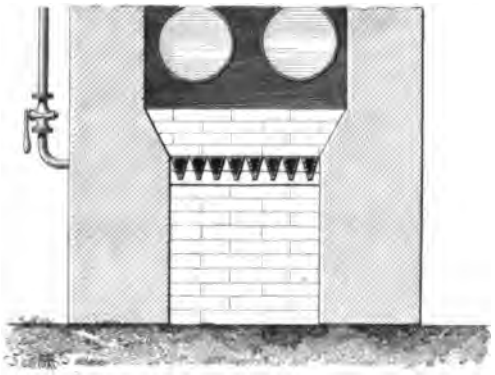

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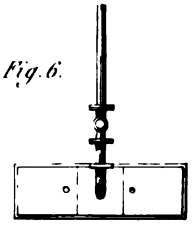

Fig. 8.

Echelle des Fig 10 à 11.

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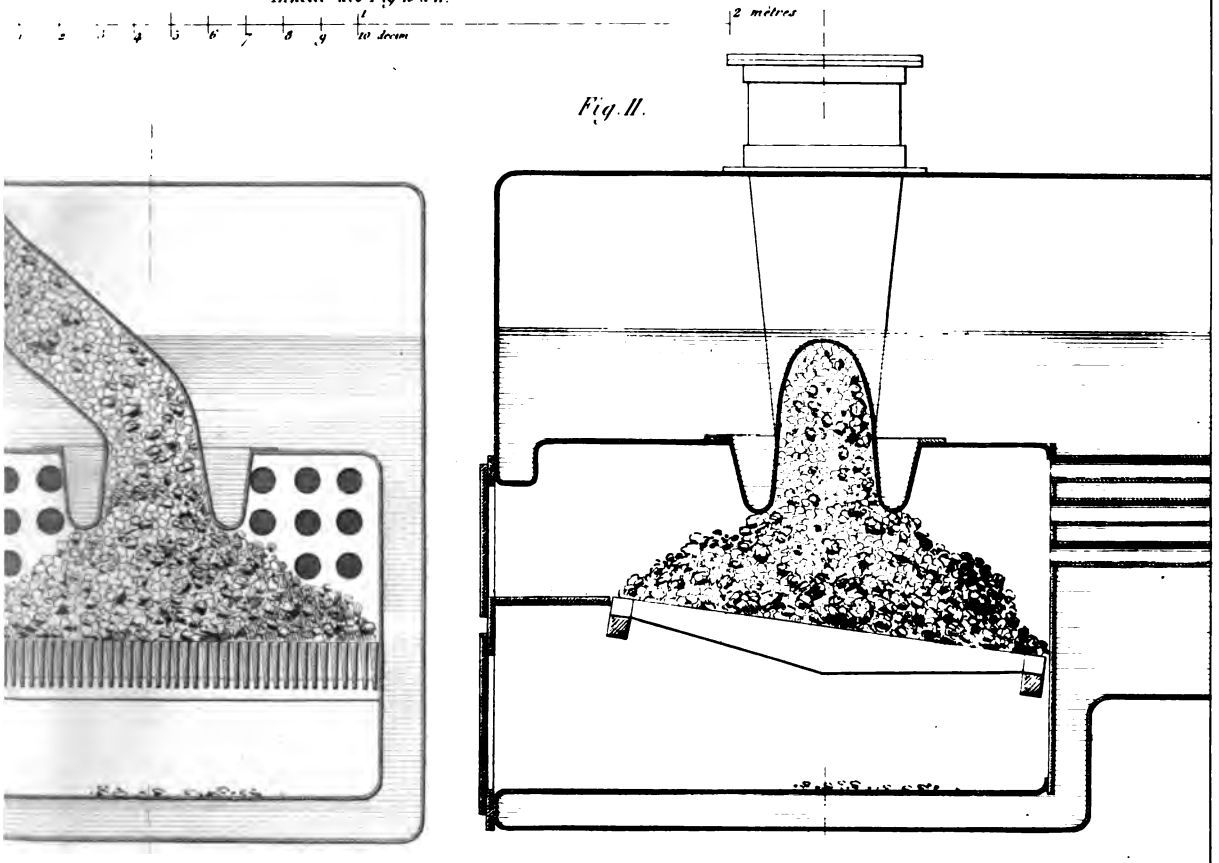

Gravé par Normand aîné.

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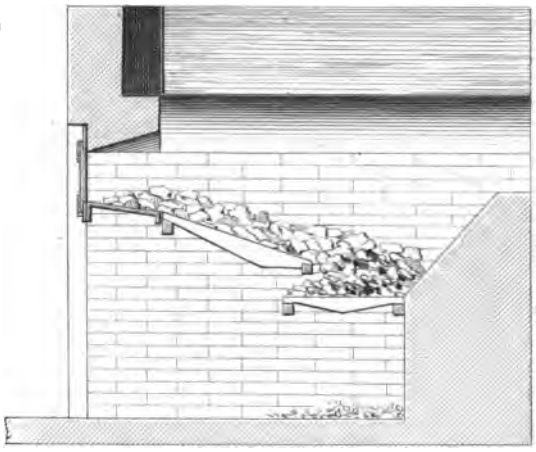
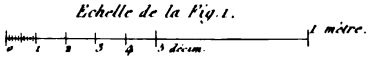


Echelle de la Fig. 1.



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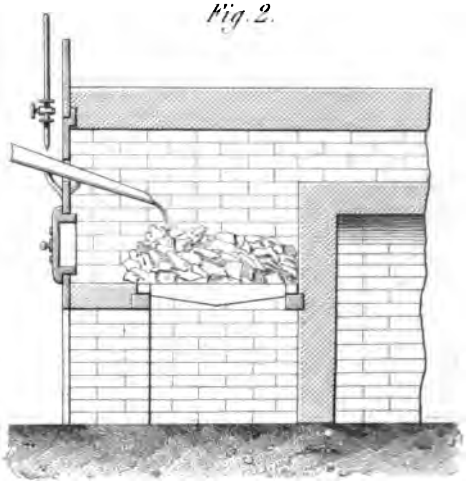

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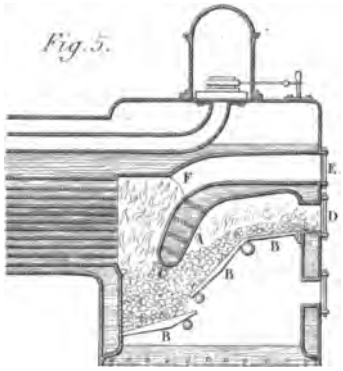

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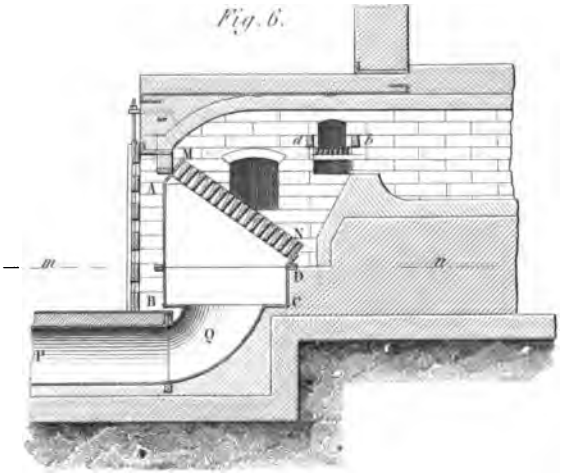

Fig. 7.

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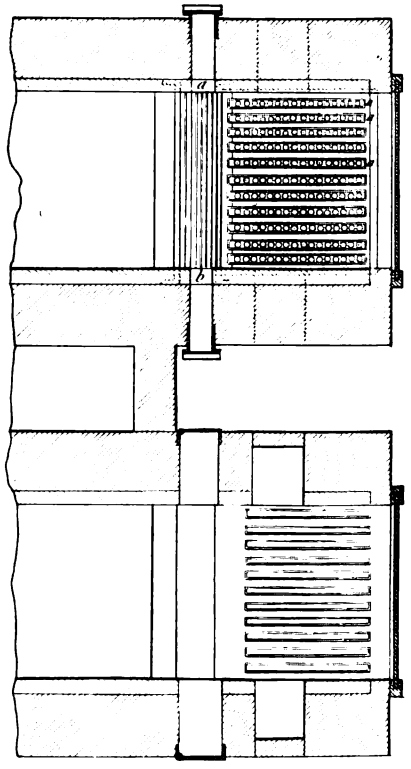
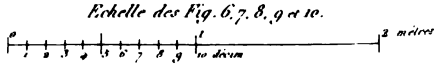


Echelle des Fig. 6, 7, 8, 9 et 10.



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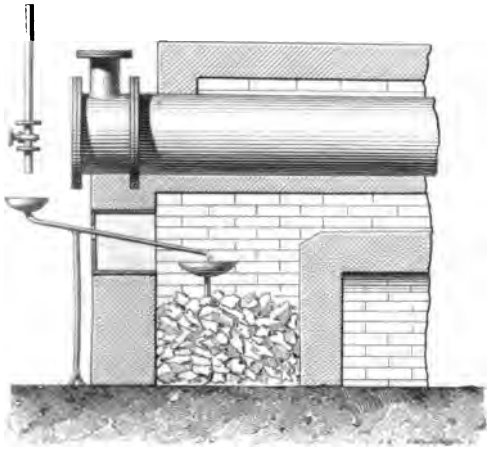

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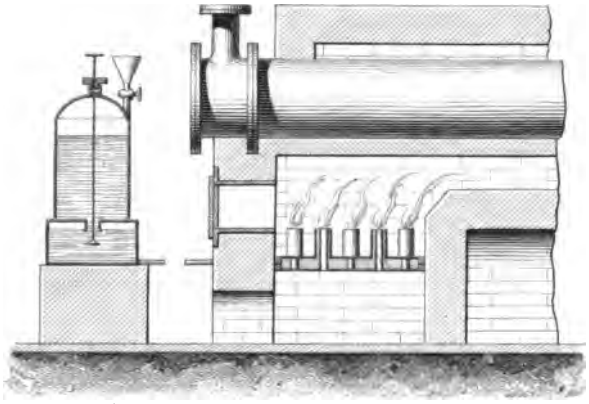

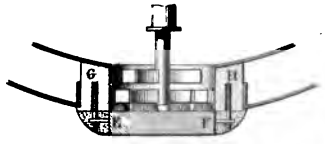

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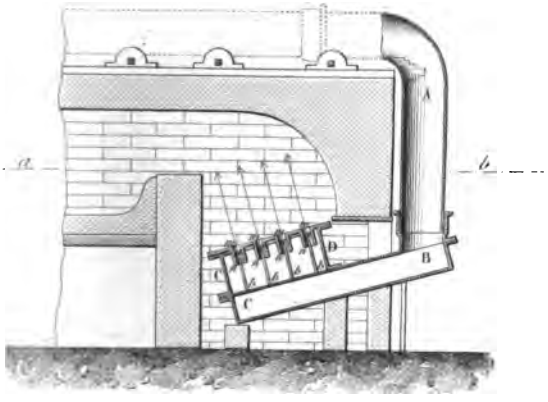

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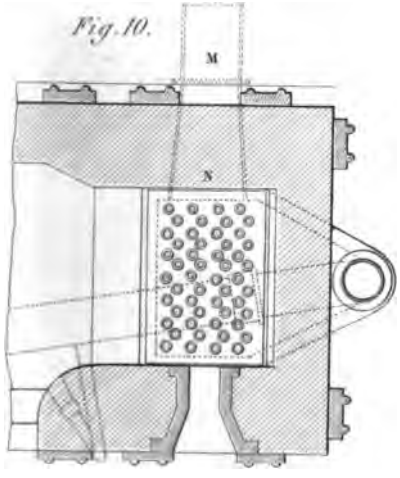

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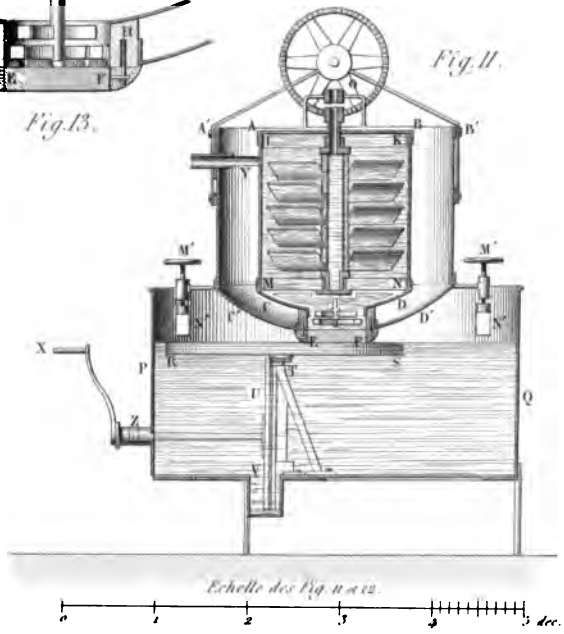
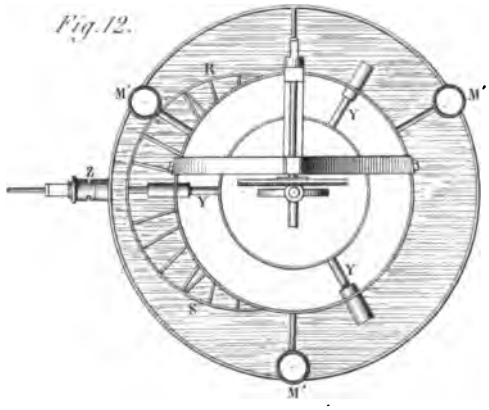


Echelle des Fig. 11 et 12.

Fig. 12.



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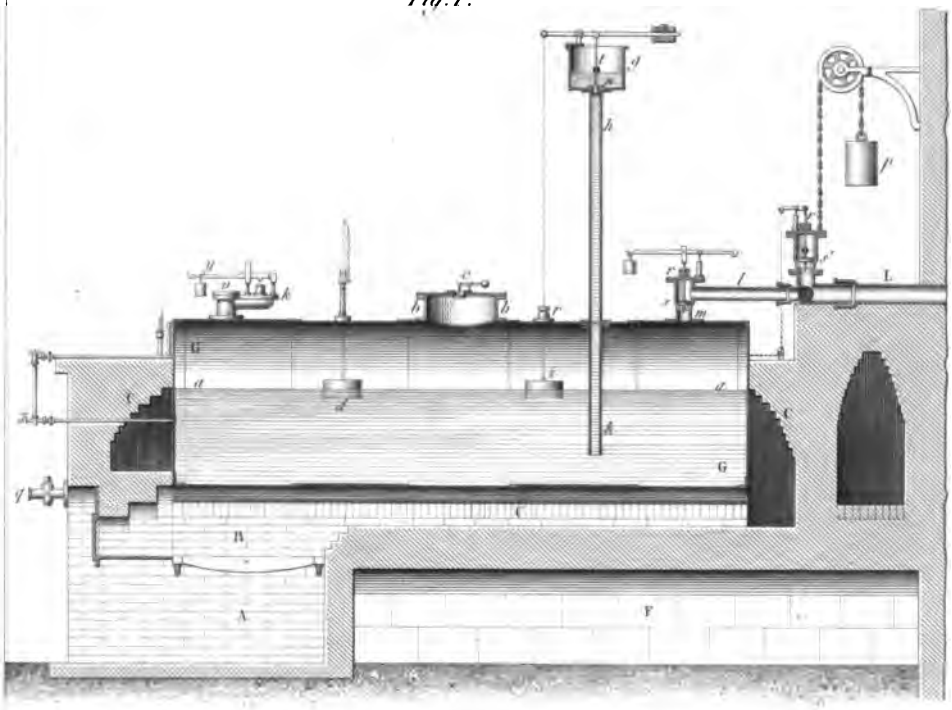

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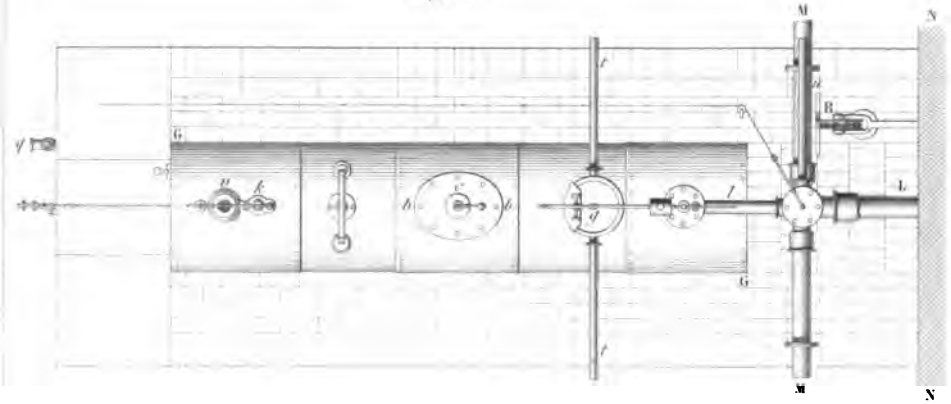
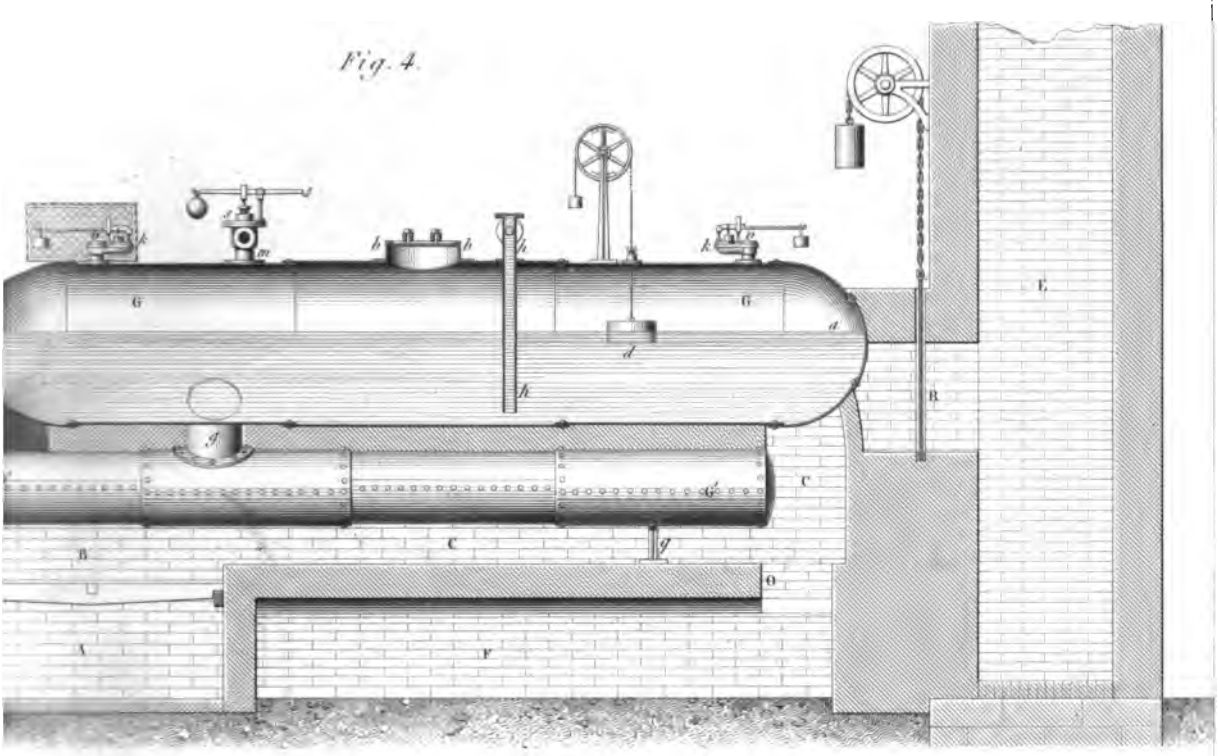


Echelle des Fig. 1, 2 et 3.

0 1 2 3 4 5 mètres

Fig. 4.



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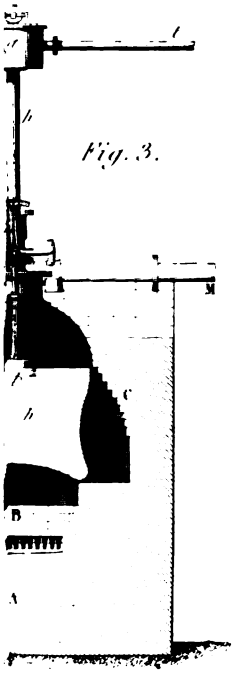

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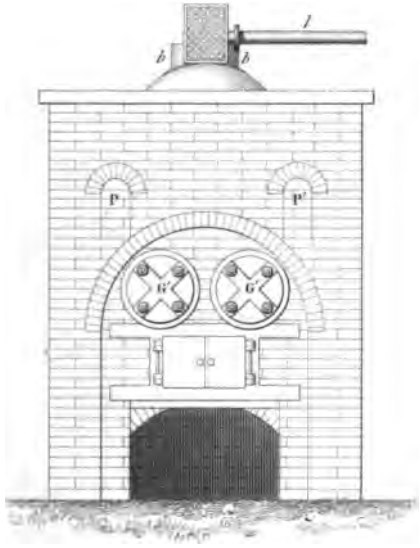

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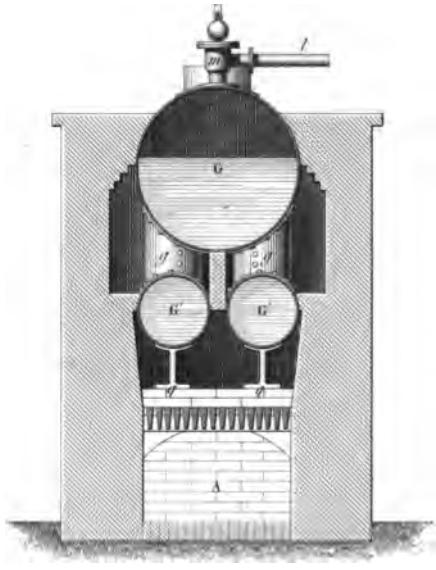
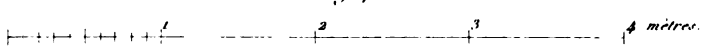


Echelle des Fig. 4, 5 et 6.



Gravé par E. Wormser.

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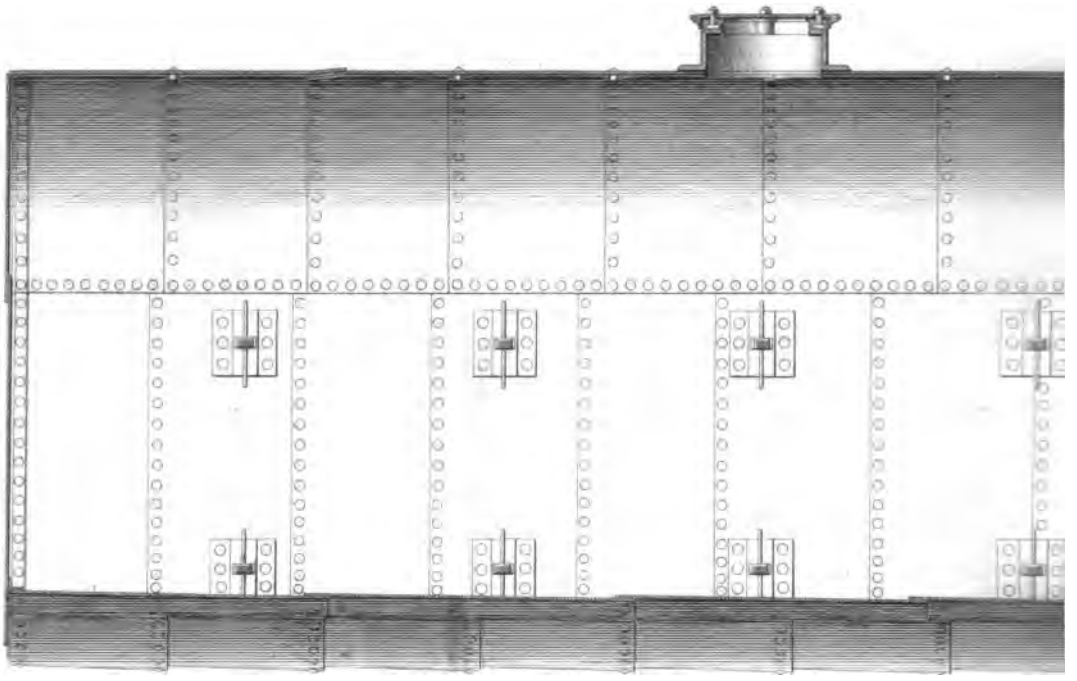


Fig. 8.

Fig. 12.

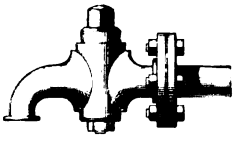
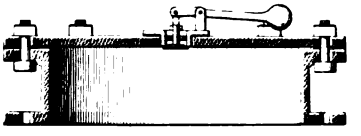


Fig. 10.



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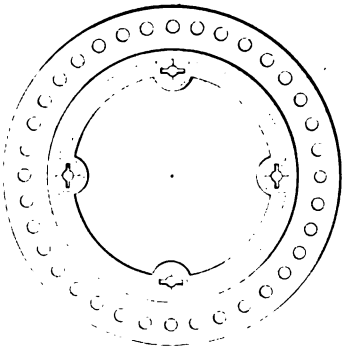

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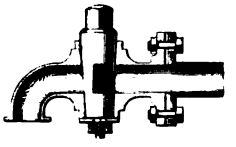

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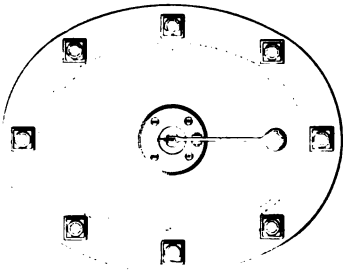

Echelle des Fig 1, 2, 3 et 4

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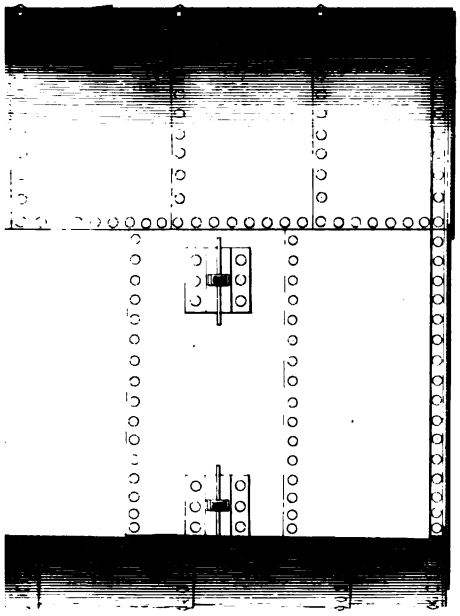

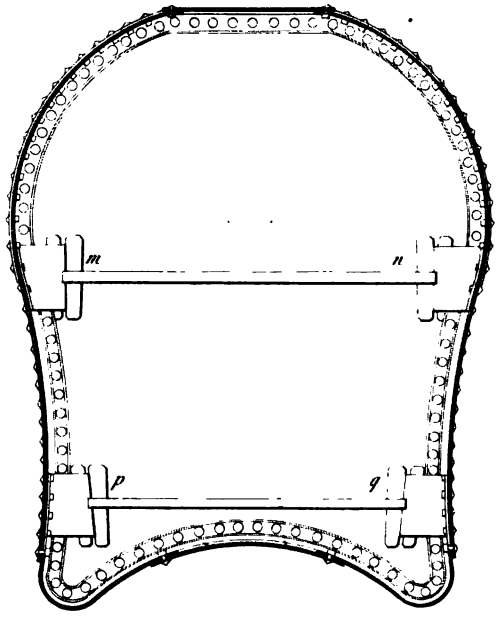

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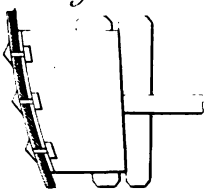

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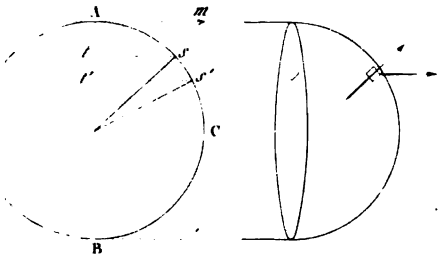
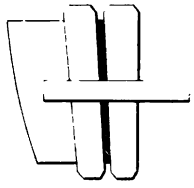


Fig. 3.

Fig. 6.



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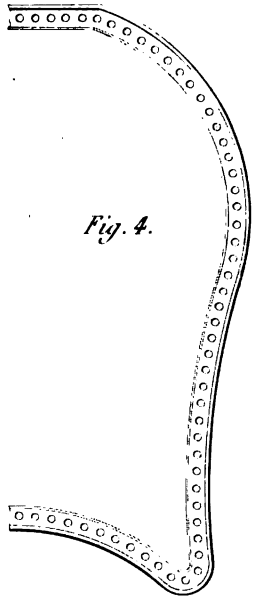

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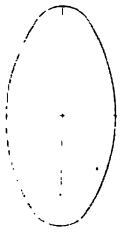

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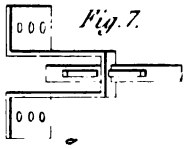
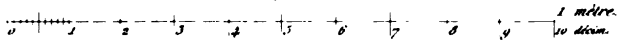


Echelle des Fig. 5, 6, 7 et 13.



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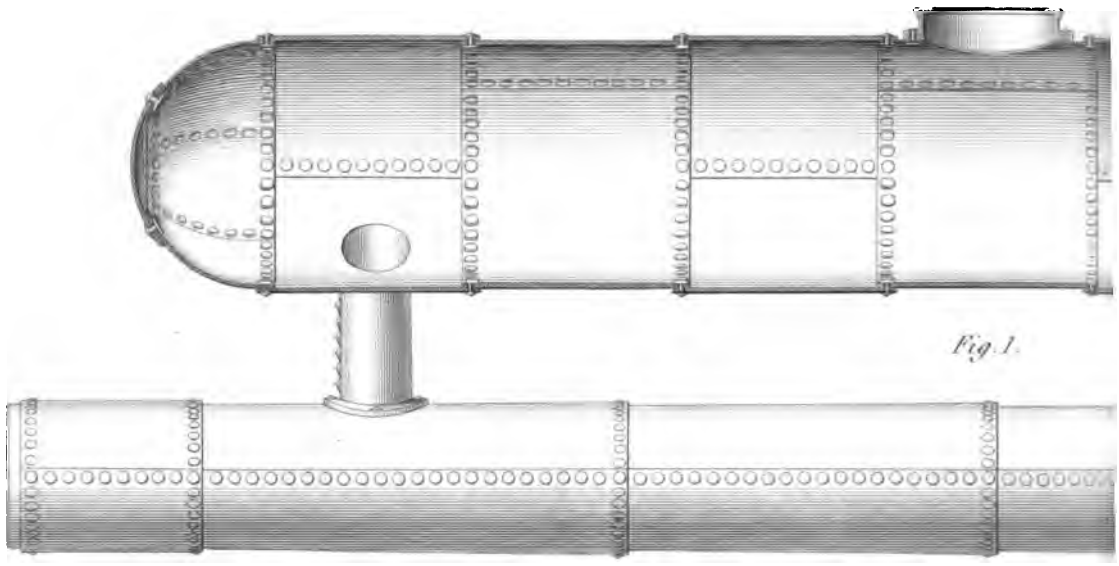
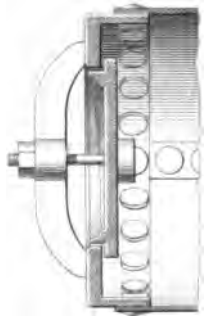


Fig. 1.

Fig. 5.



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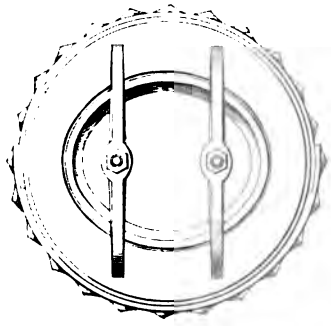
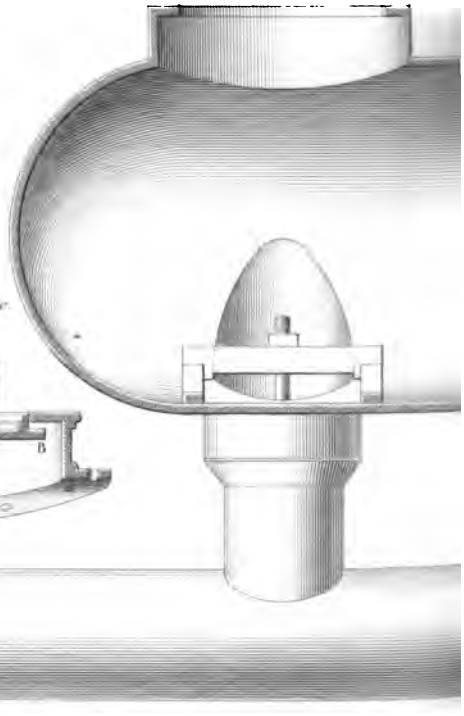
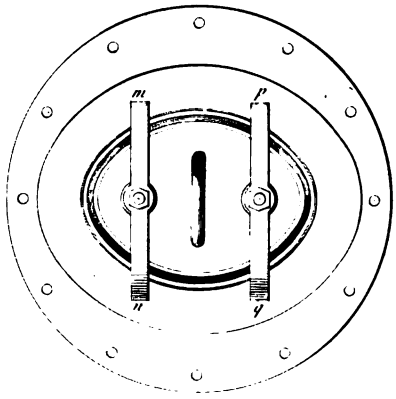




Echelle des Fig. 5, 6, 7 et 8.

Fig. 7.



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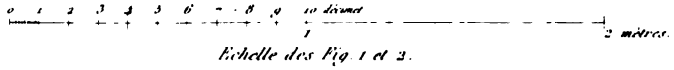

Echelle des Fig. 1 et 2.

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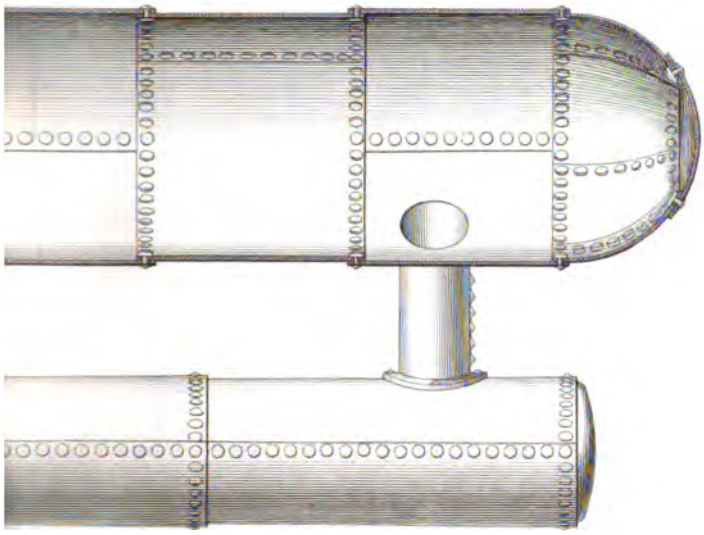

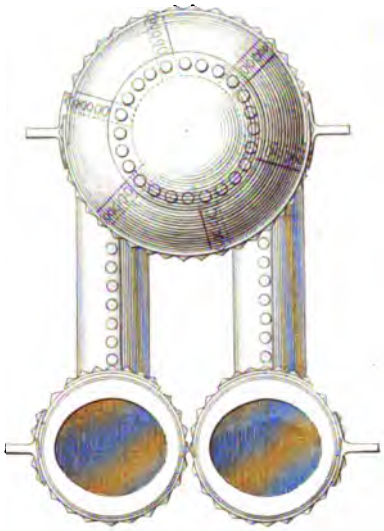

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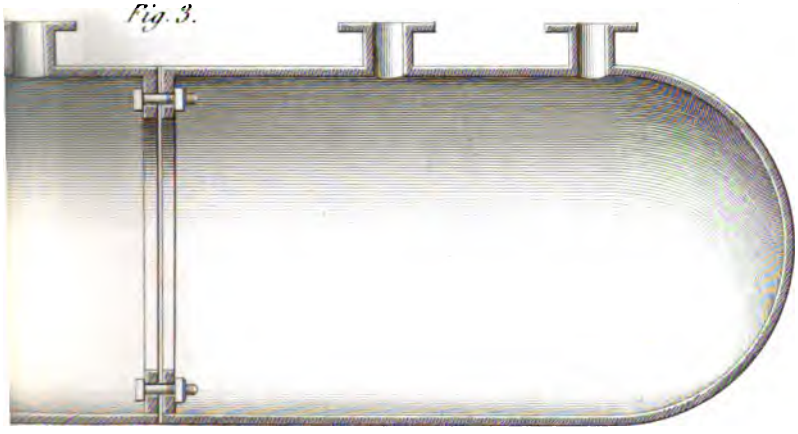

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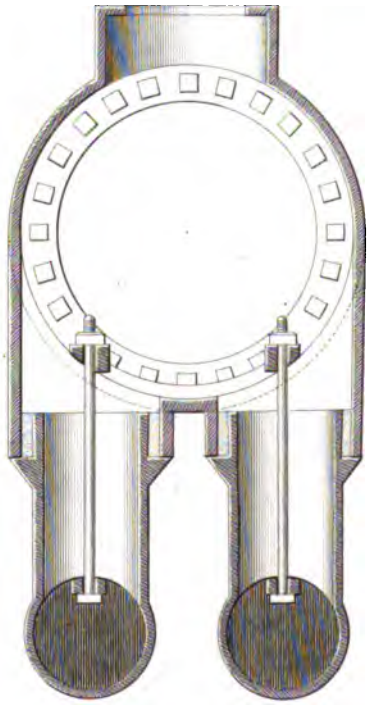

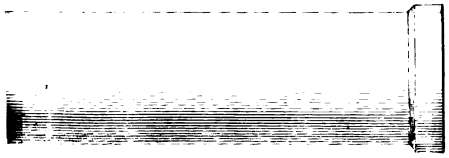

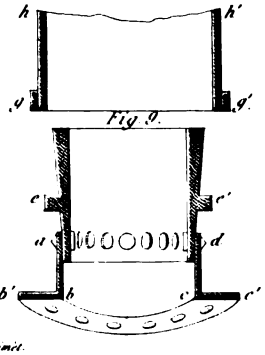

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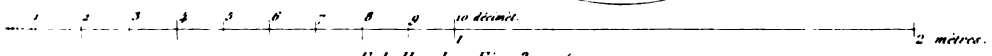

Echelle des Fig 3 et 4.

Gravé par Pirau

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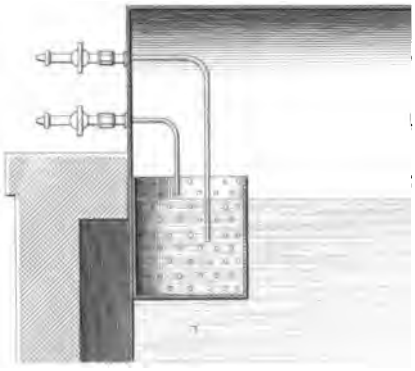

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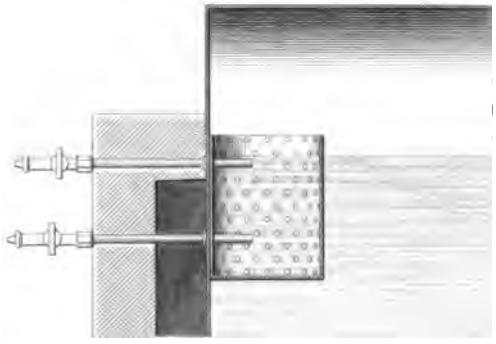

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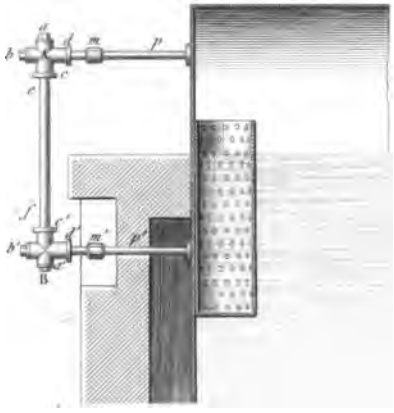

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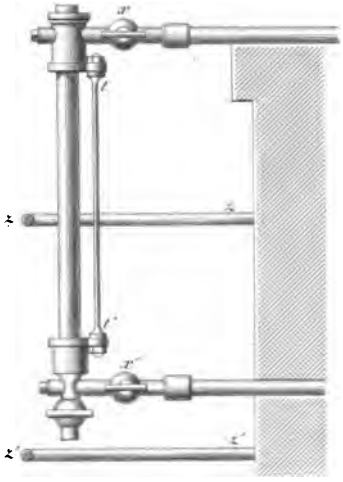

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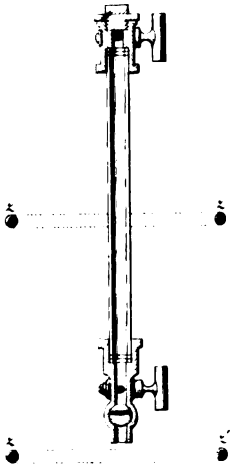

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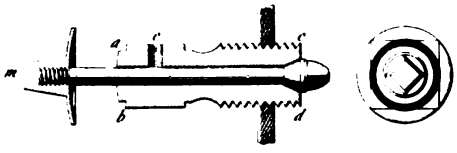

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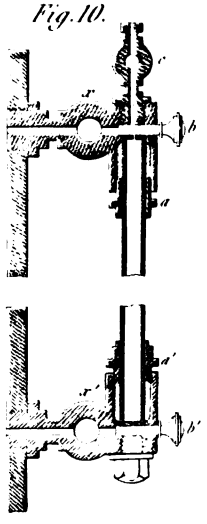

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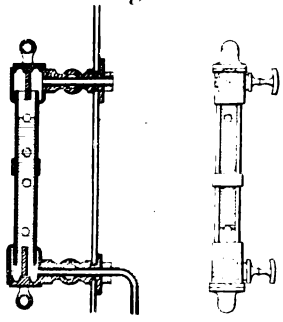
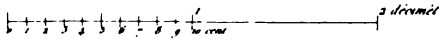


Echelle des Fig. 13 et 14



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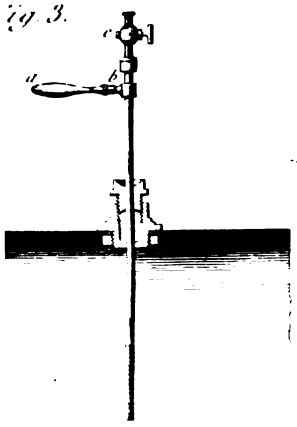

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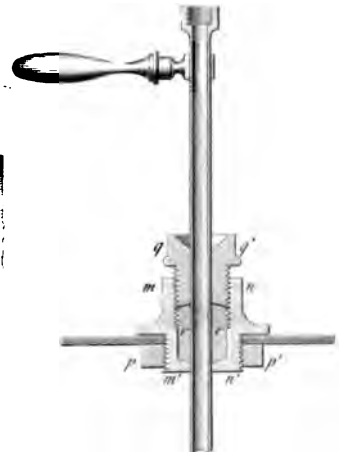

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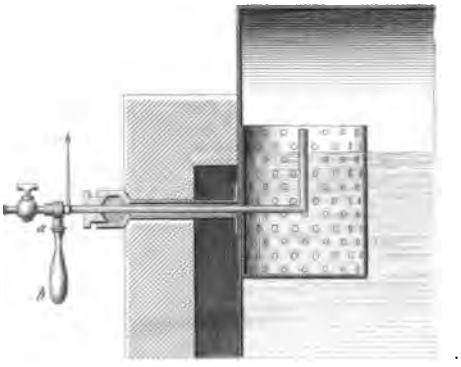

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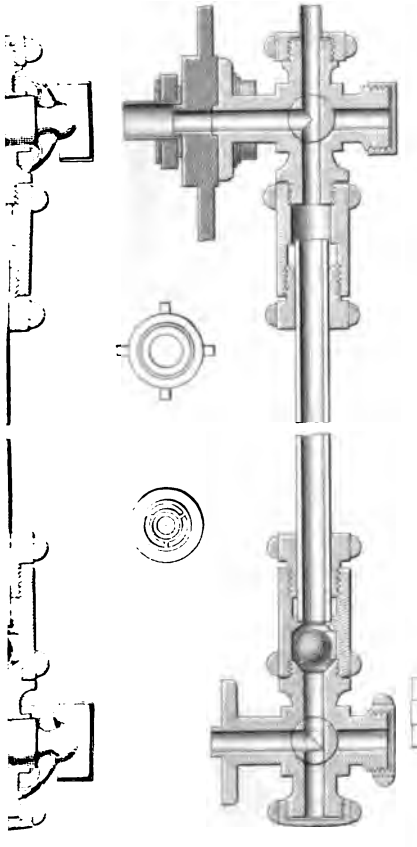

Fig. 11.

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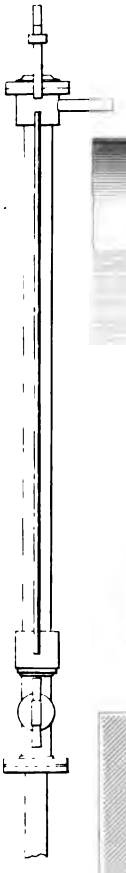

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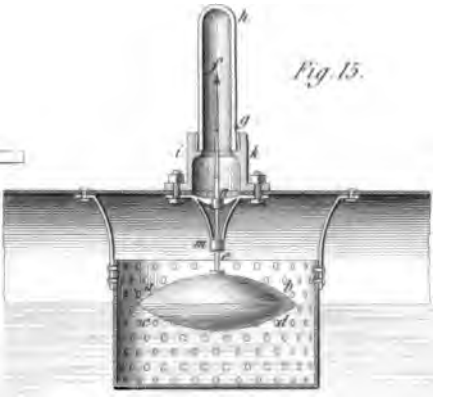

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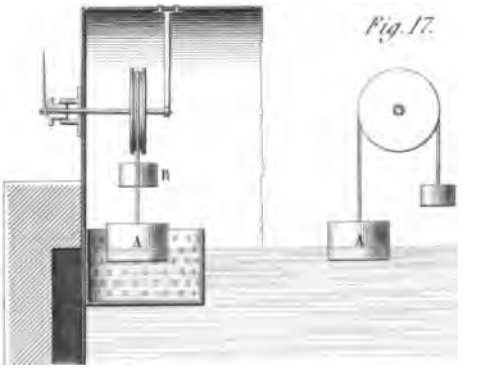

Fig. 17.

Gravé par Duran.

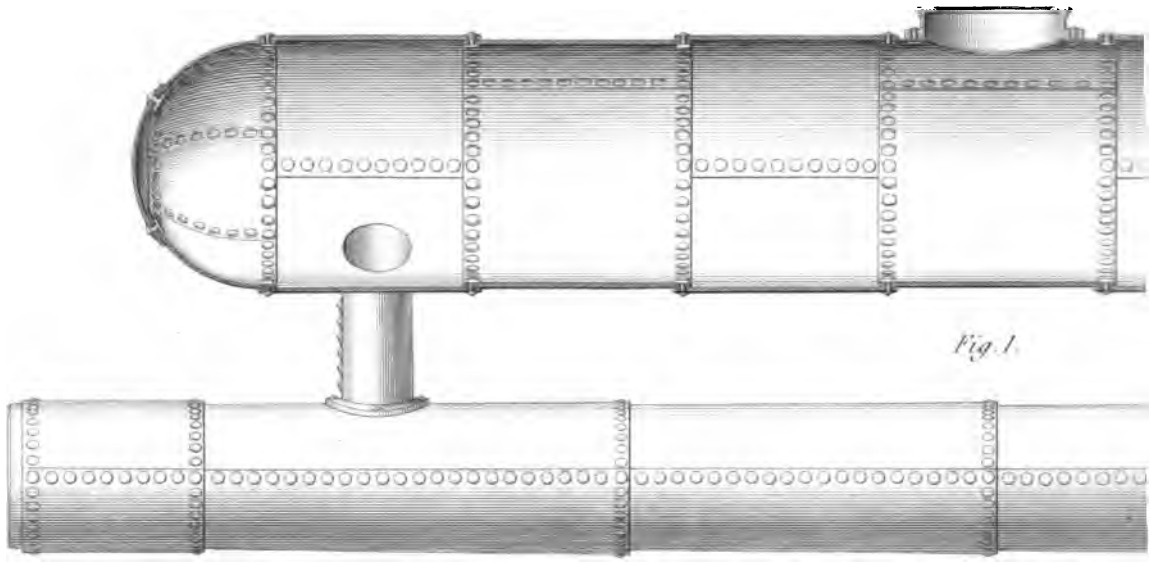

Fig. 1.

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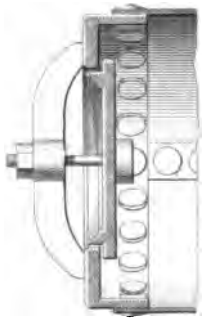

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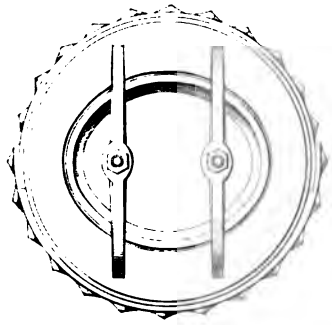
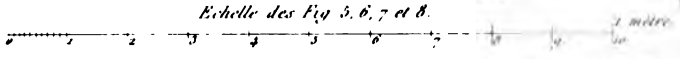


Échelle des Fig. 5, 6, 7 et 8.



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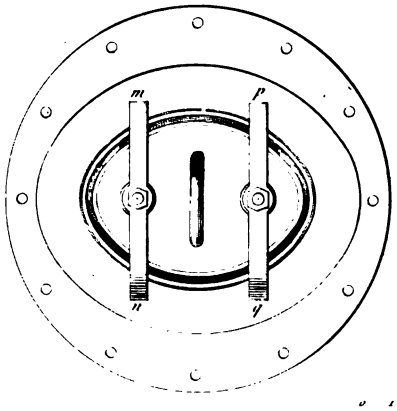

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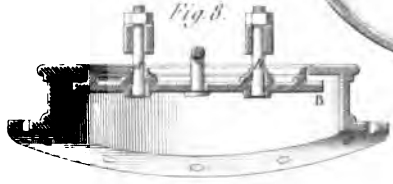
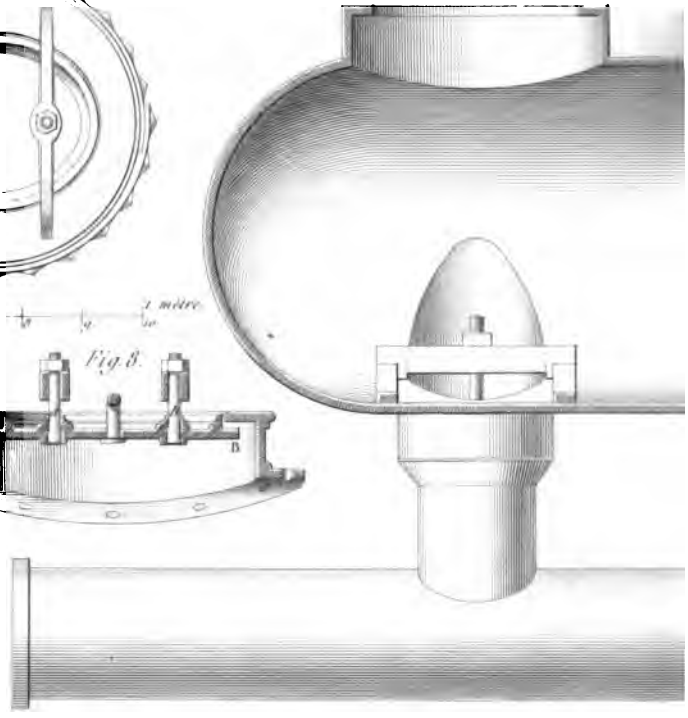
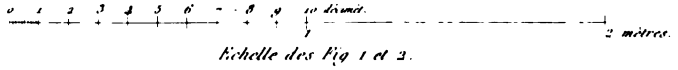
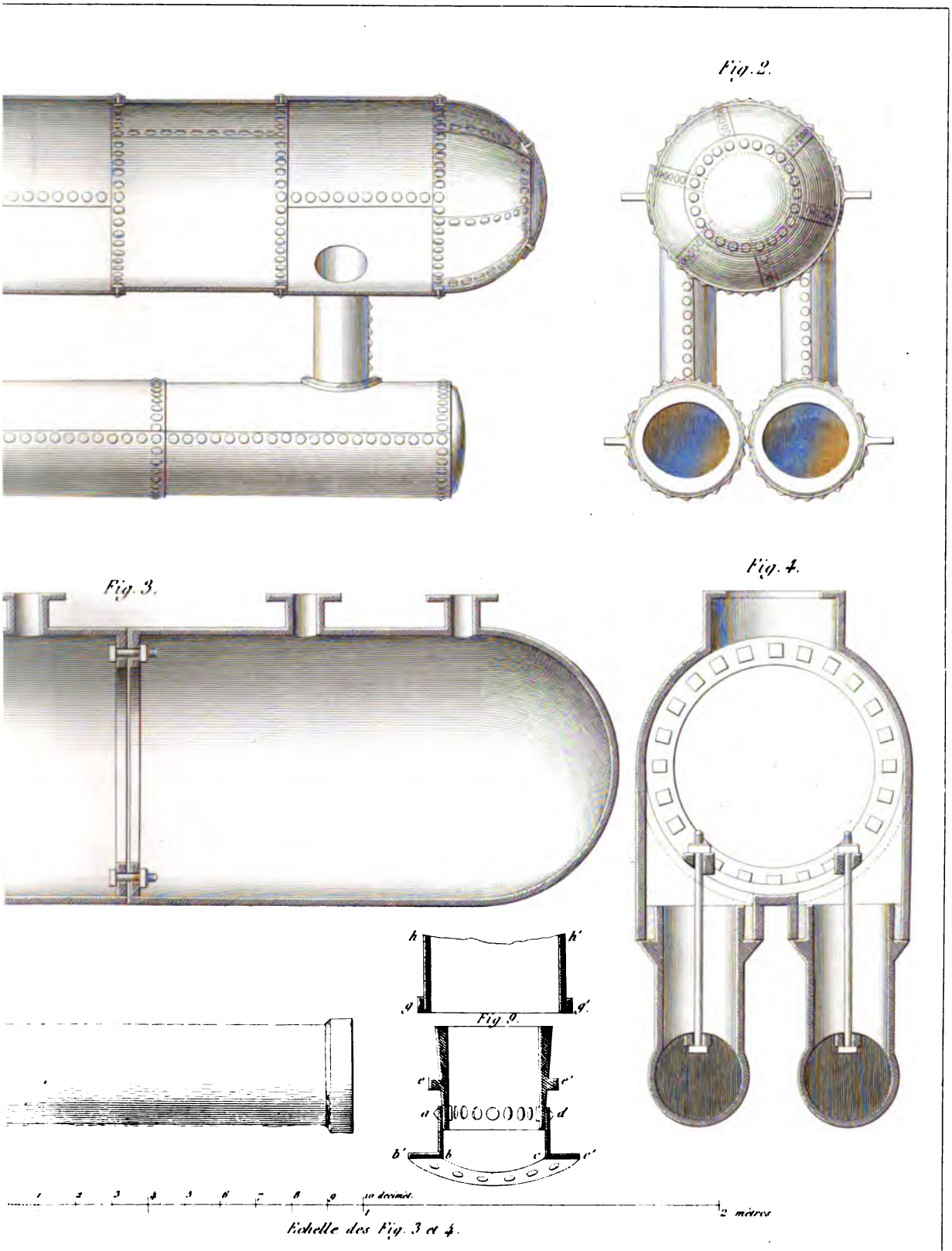






Échelle des Fig. 1 et 2.



Gravé par Durau

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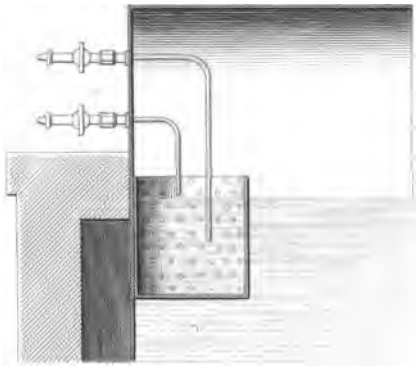

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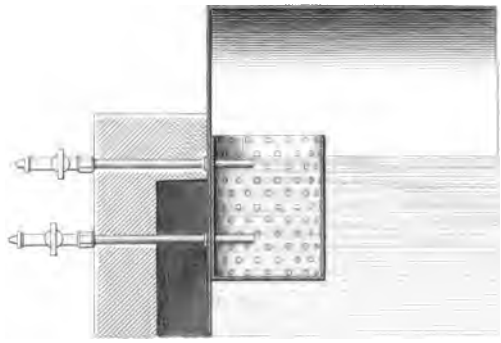

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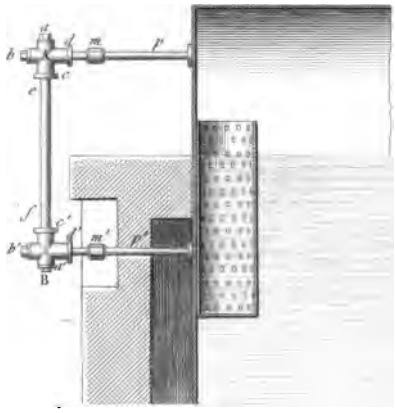

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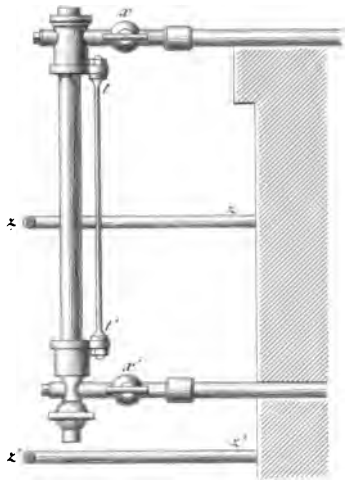

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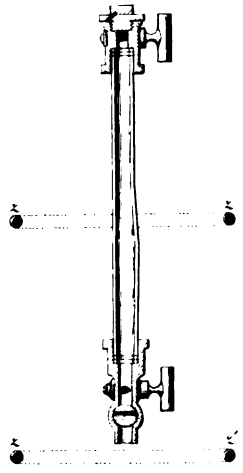

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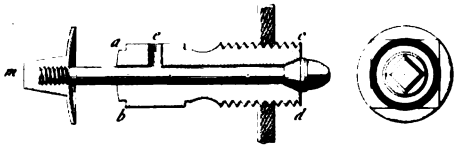

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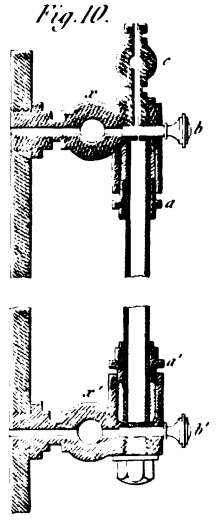

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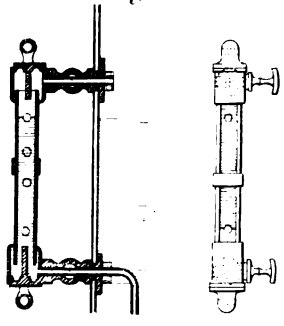

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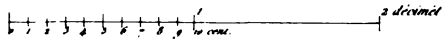

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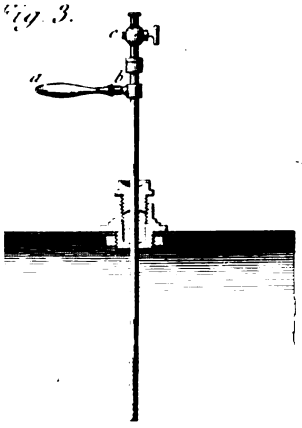

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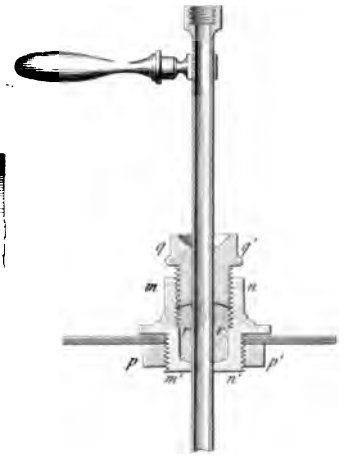

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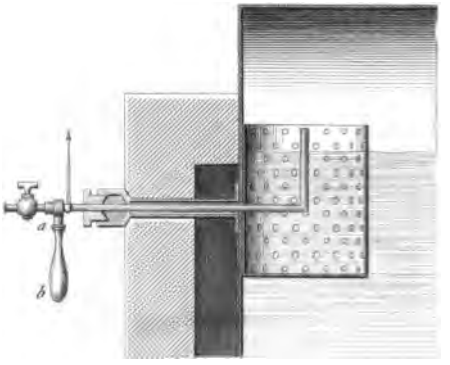

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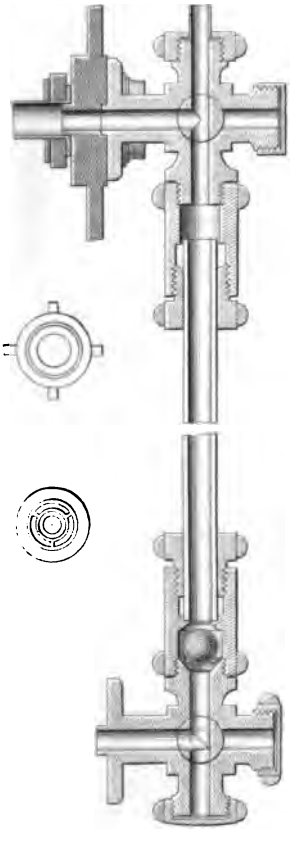

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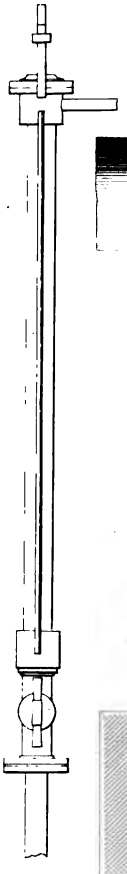

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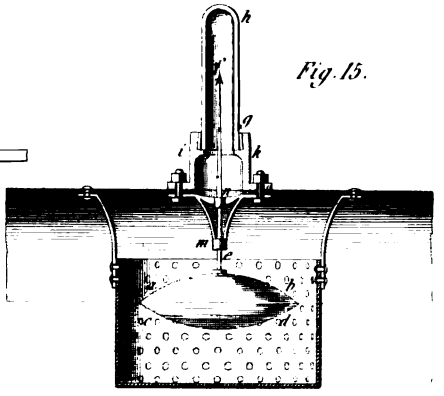

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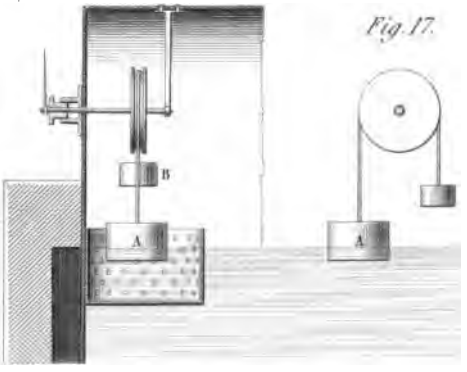

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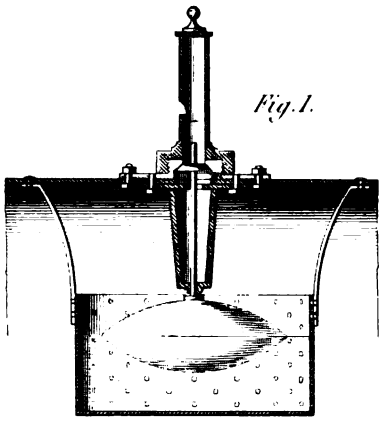

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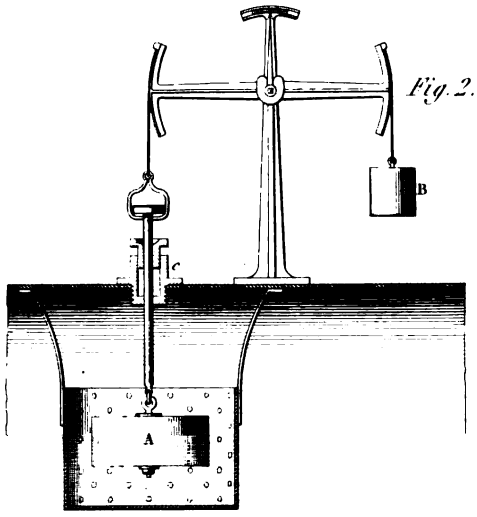

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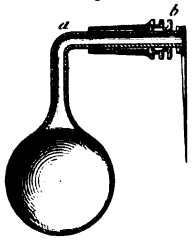

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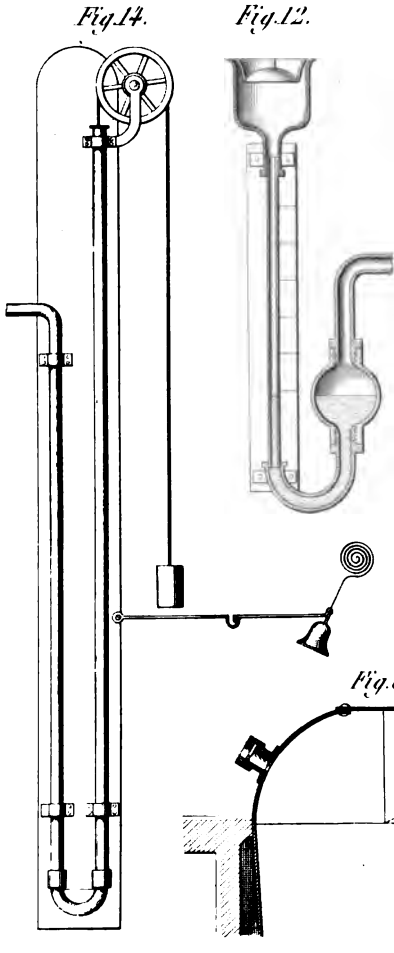

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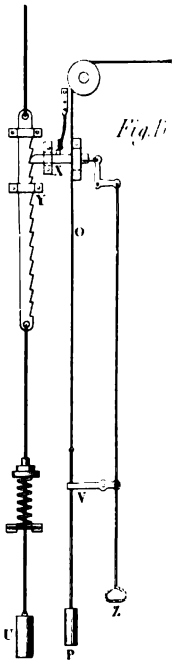
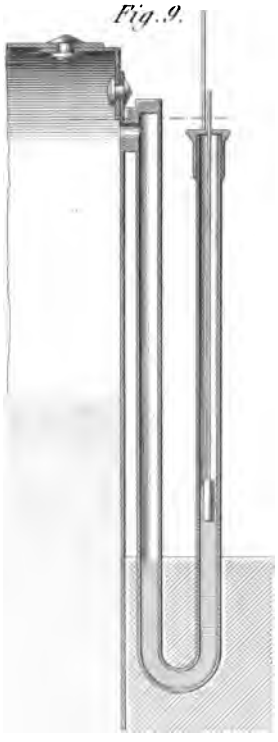


Fig. I.



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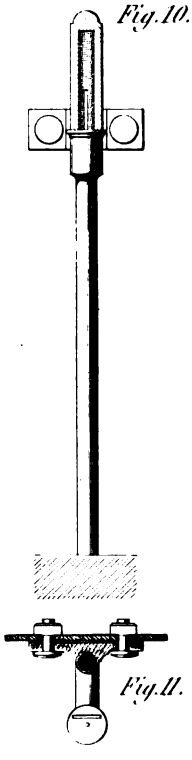

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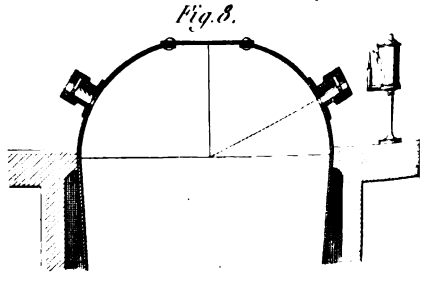

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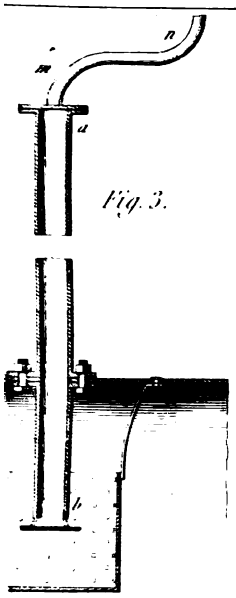

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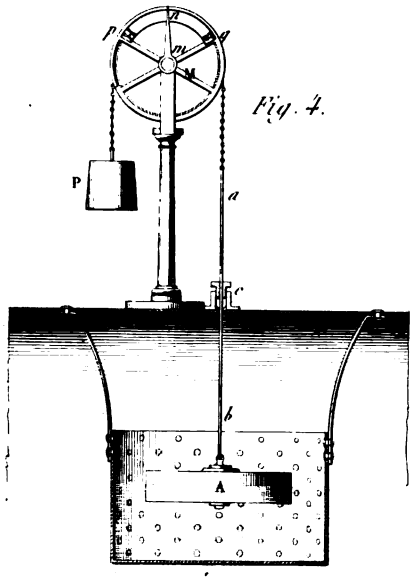

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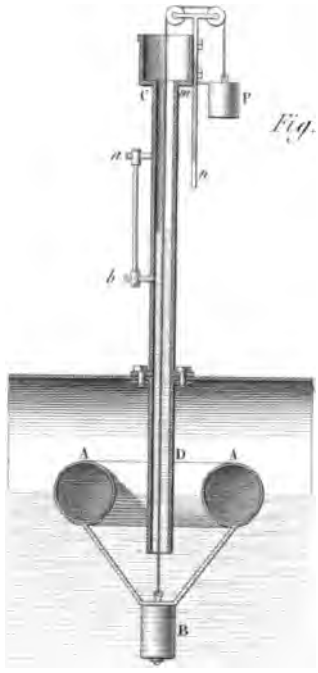

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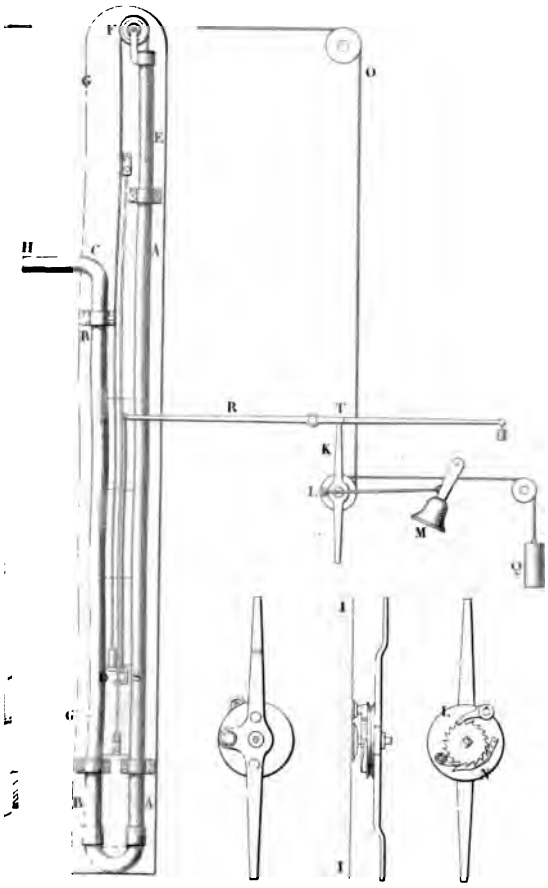

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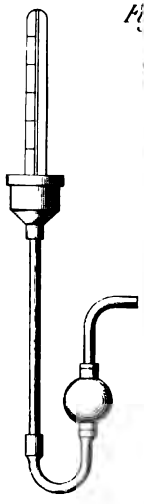

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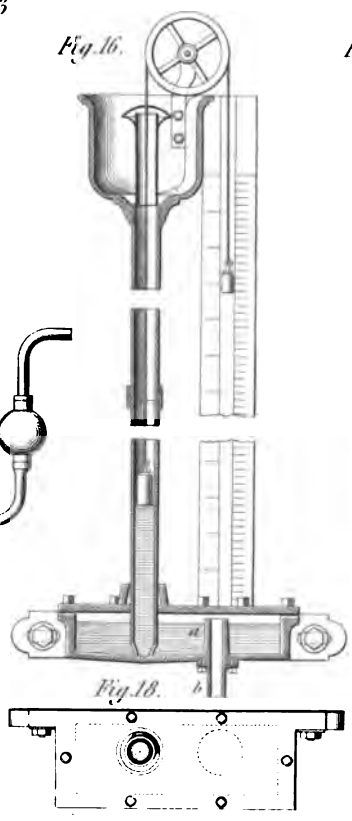

Fig. 18.

Fig. 17.

Gravé par Duran

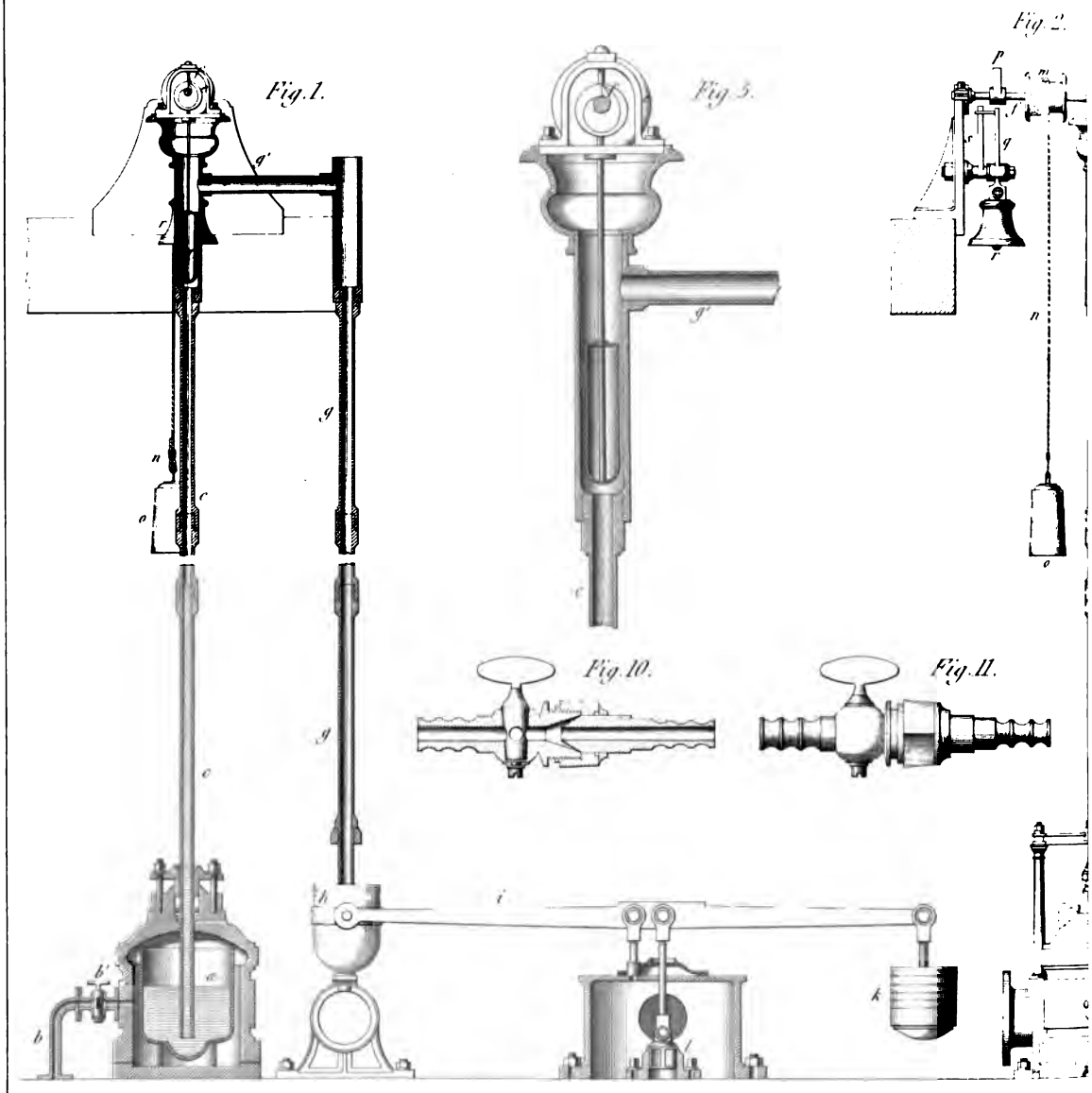
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Fig. 2.
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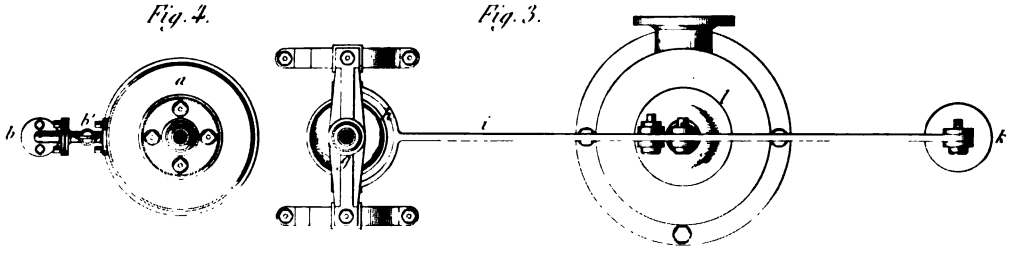
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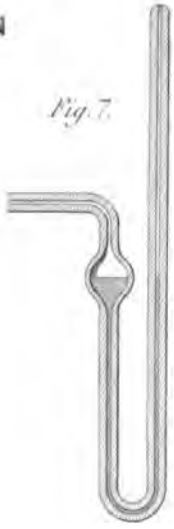

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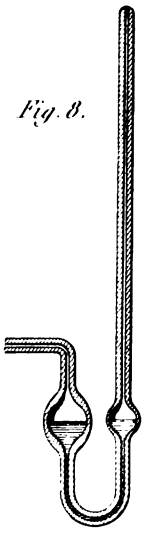

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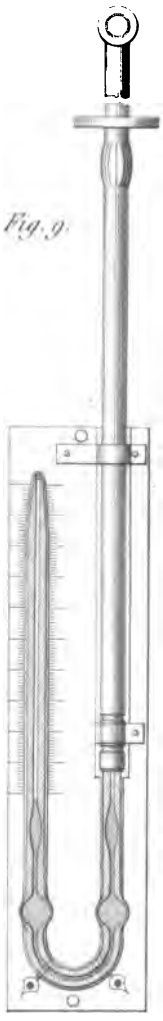

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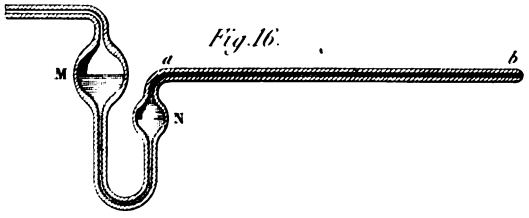

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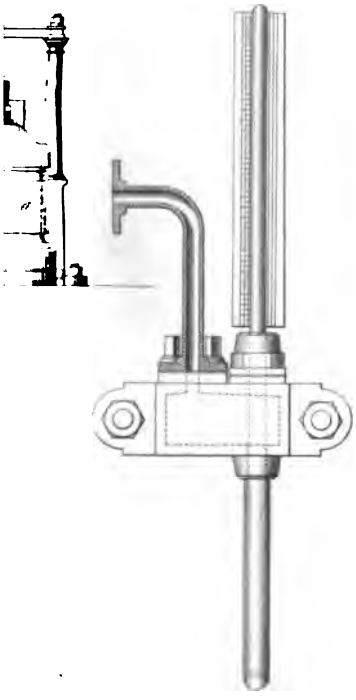

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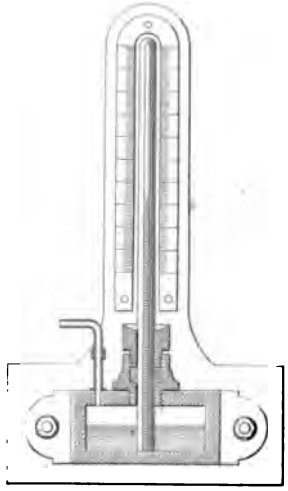

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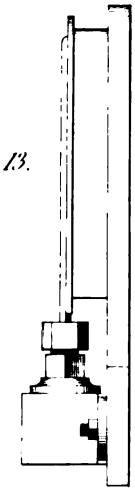

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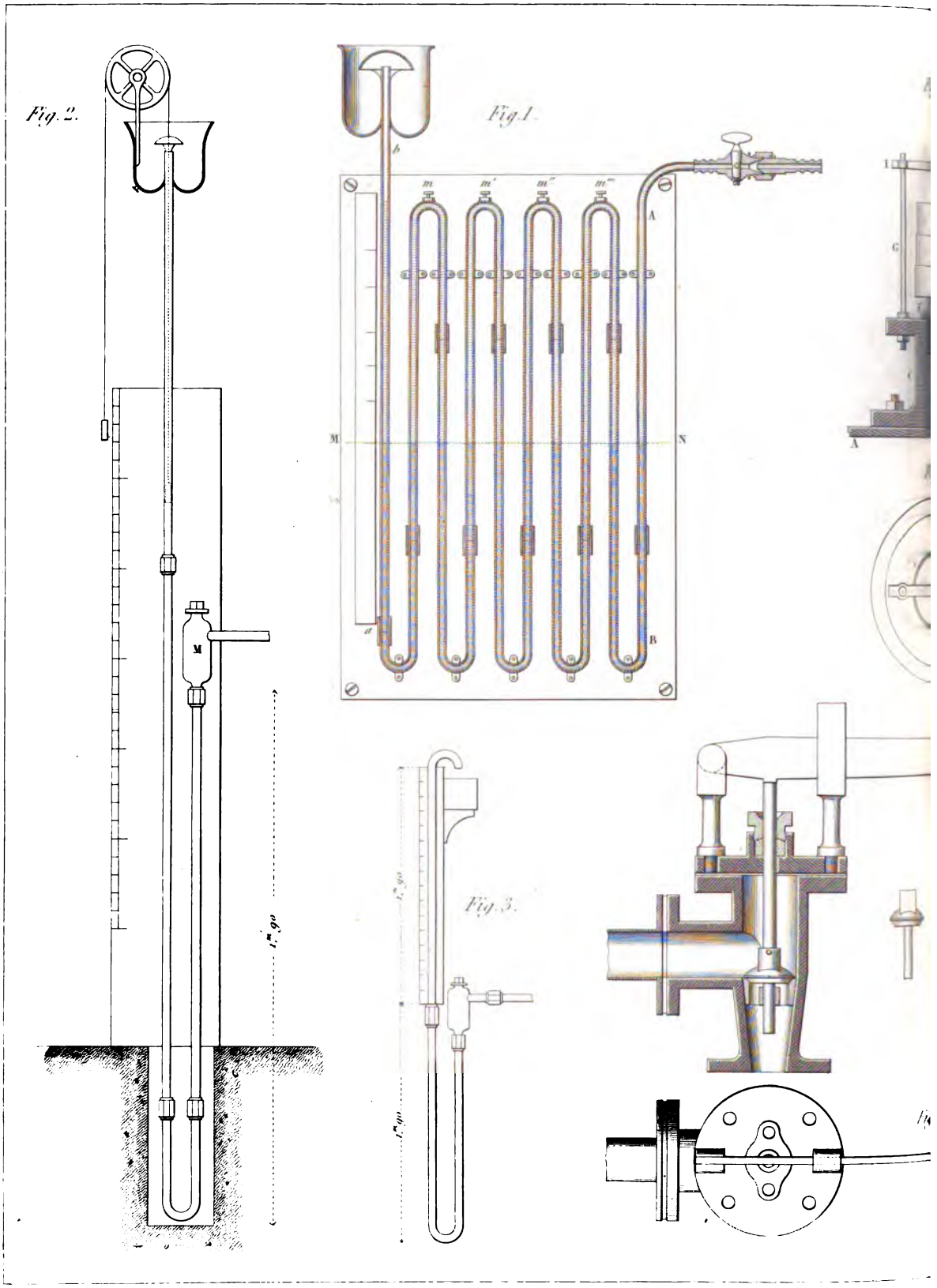
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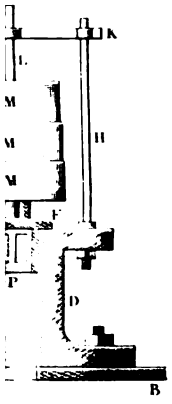

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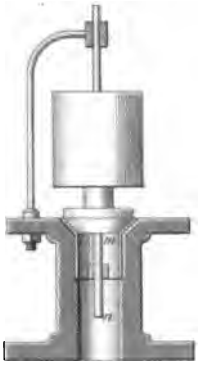

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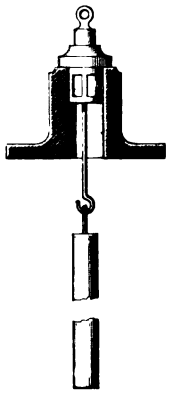

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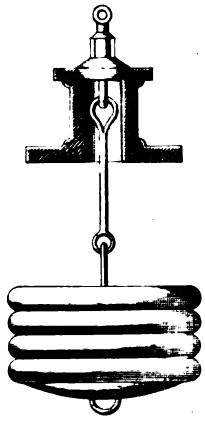

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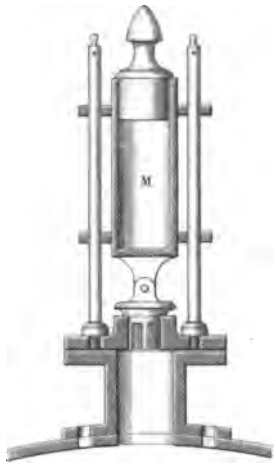

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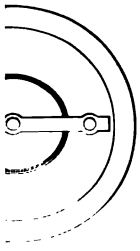

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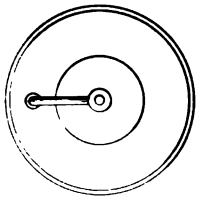

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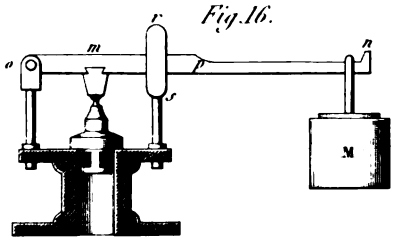

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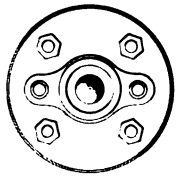

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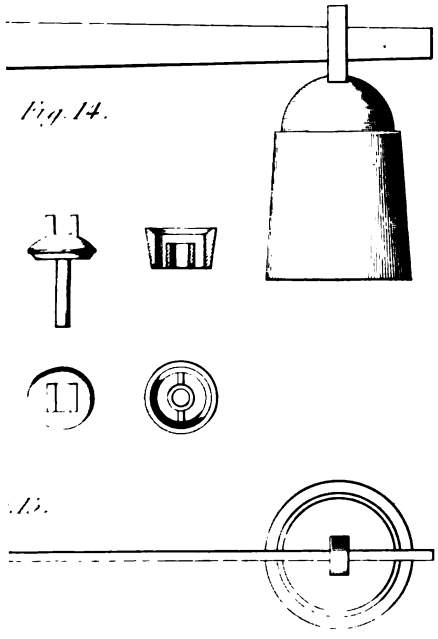

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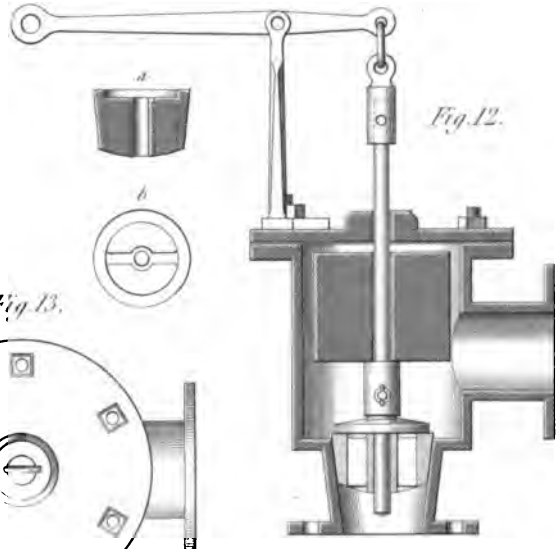

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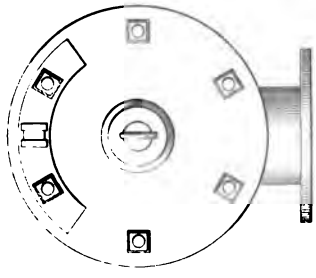

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Gravé par Guiguet

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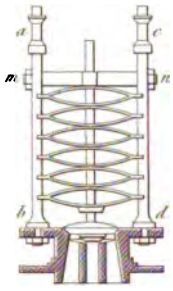

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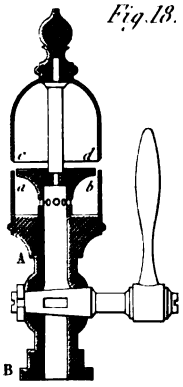

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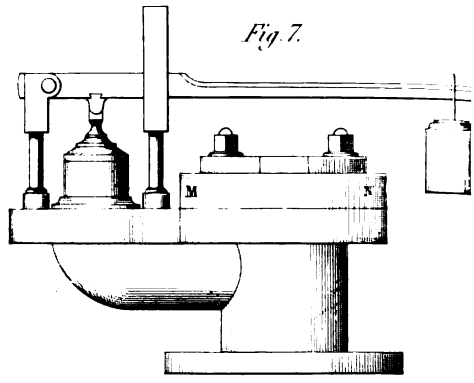

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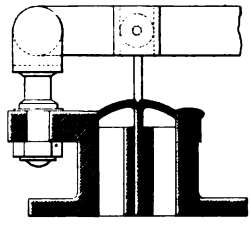

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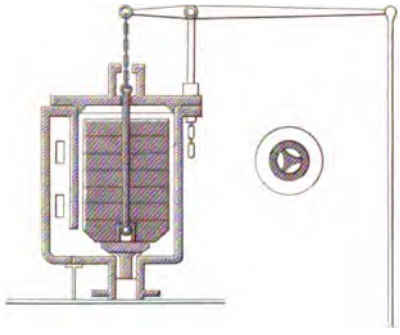

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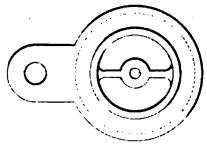

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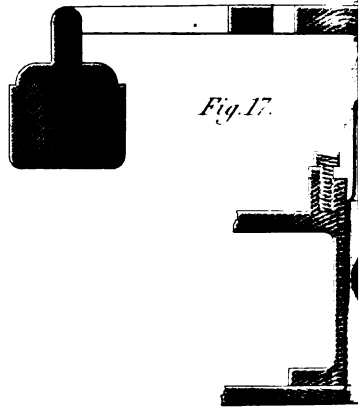

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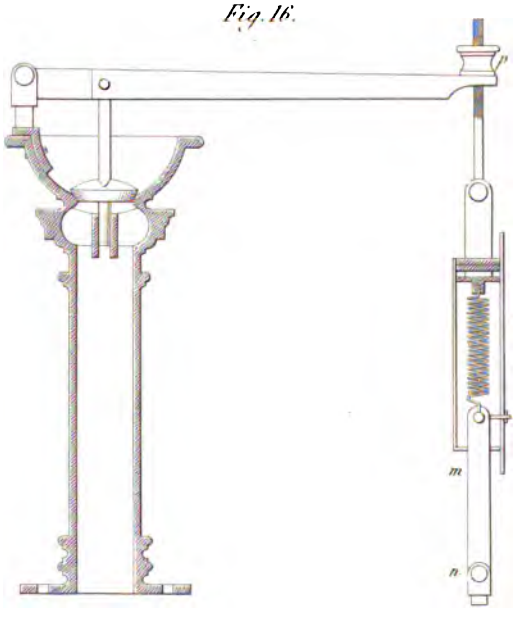

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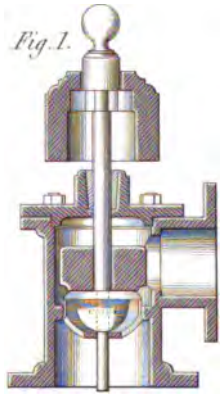

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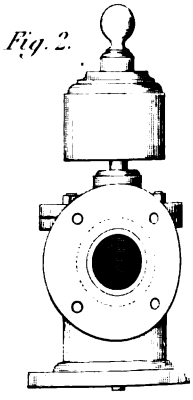

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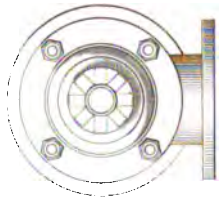

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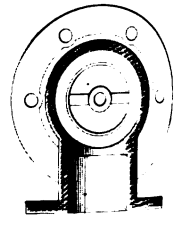

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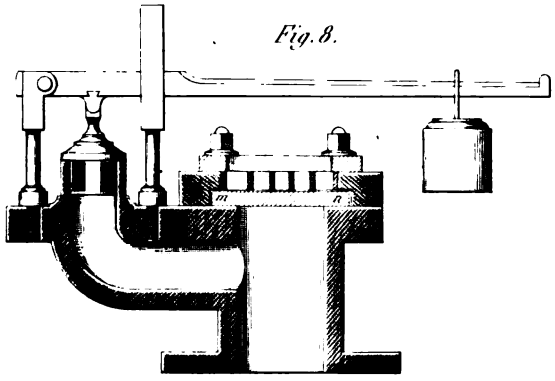

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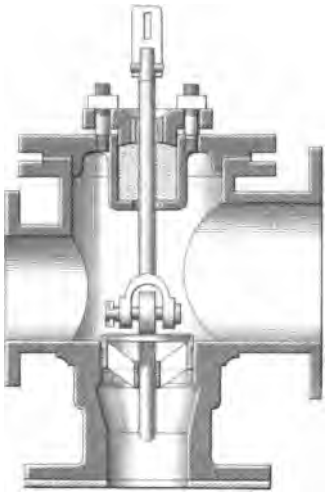

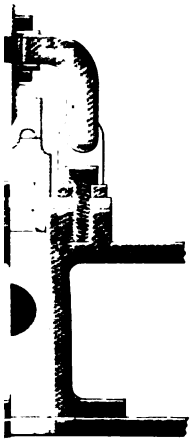

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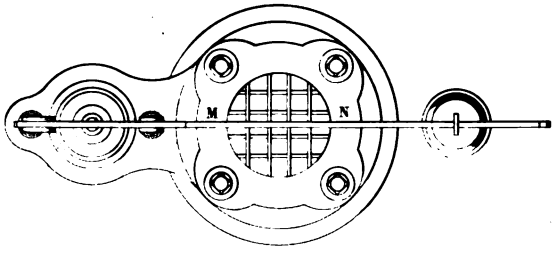

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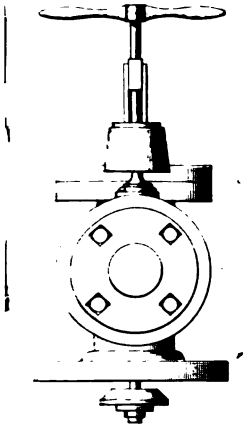

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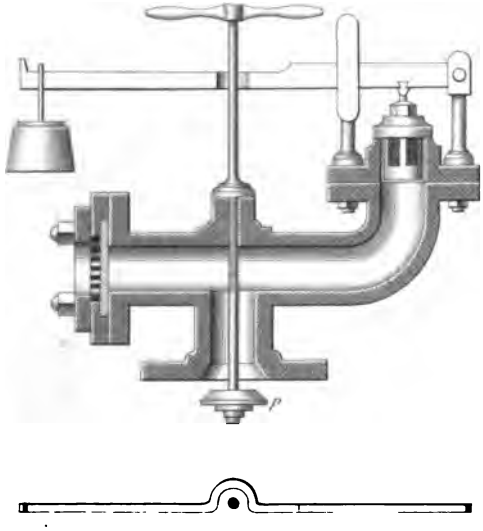

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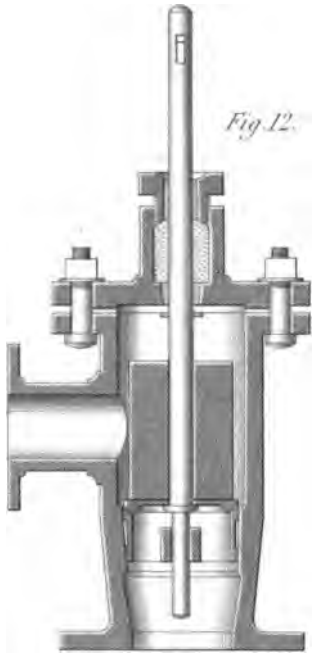

Gravé par Guiguet

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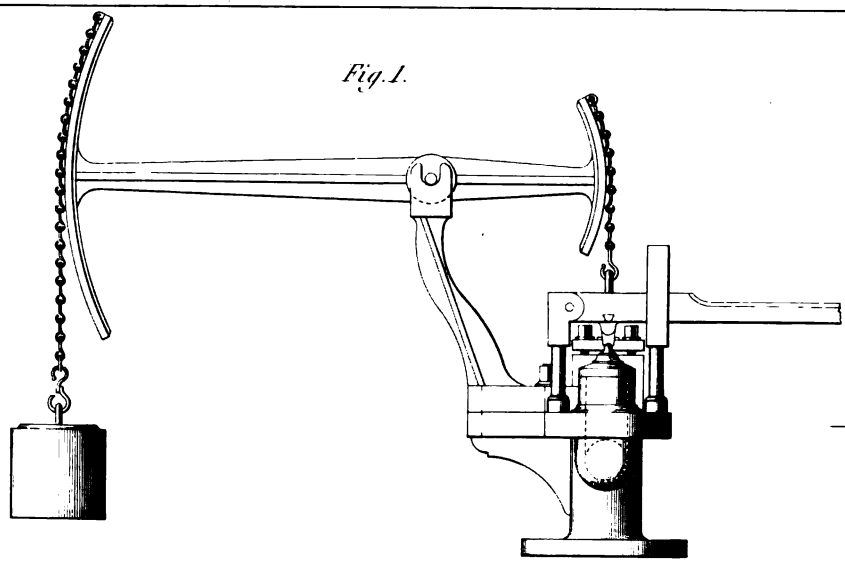

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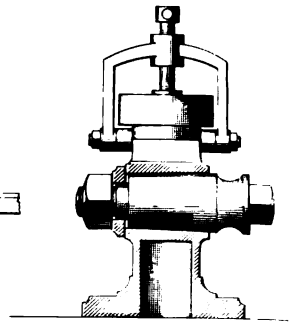

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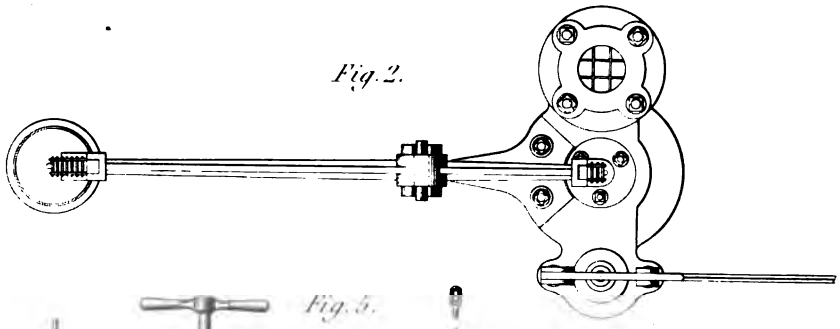

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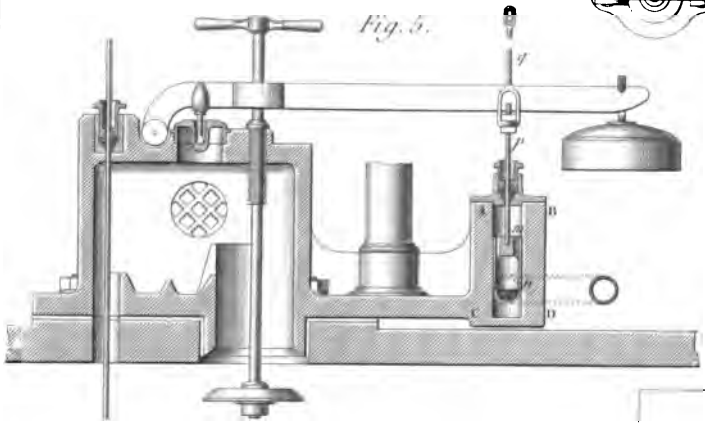

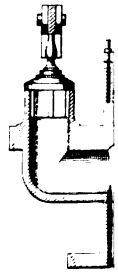

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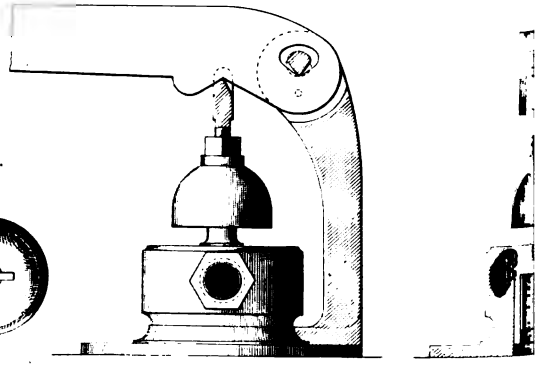

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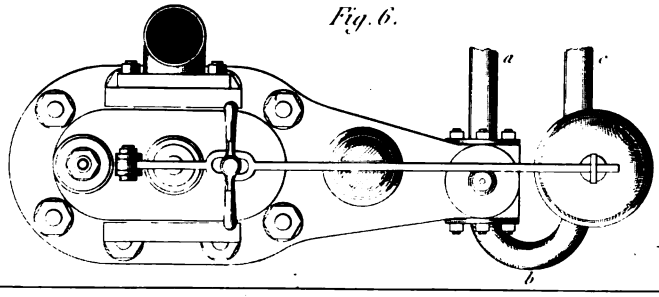

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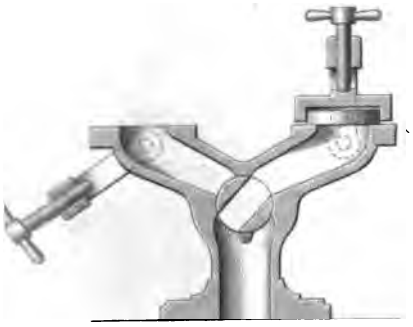

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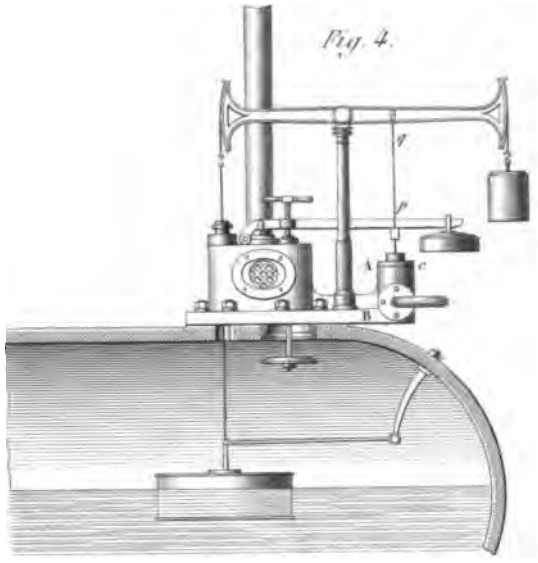

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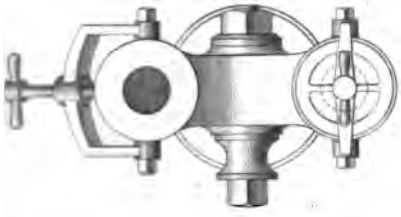

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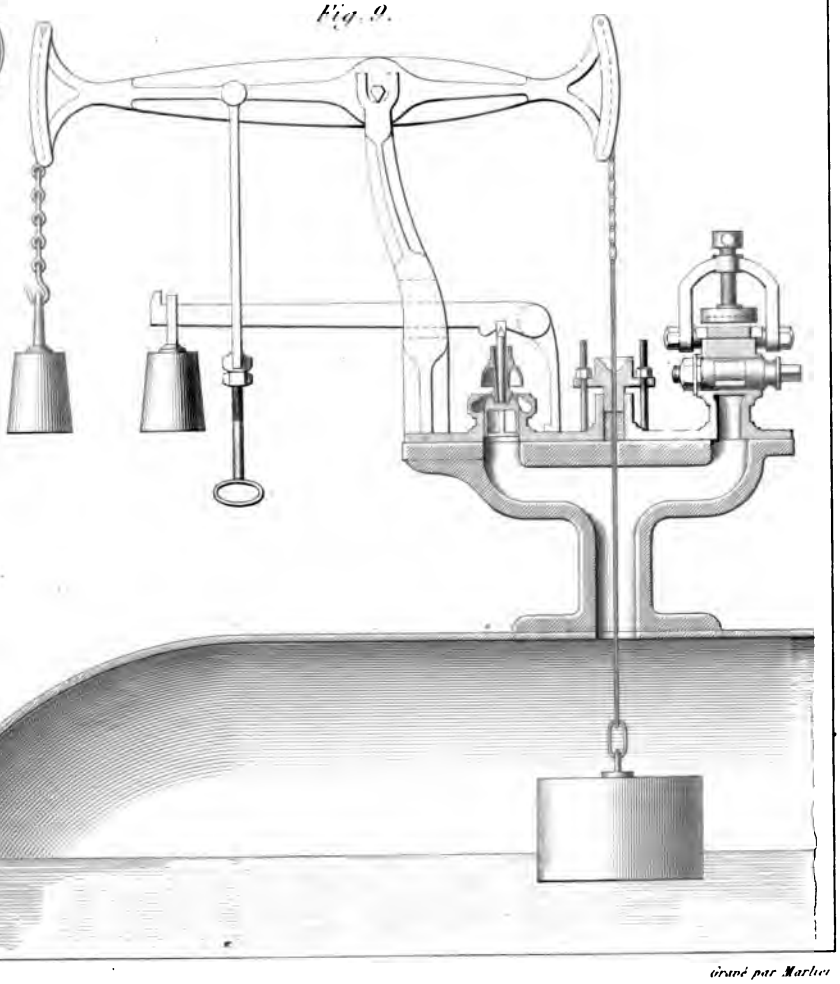

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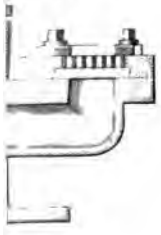

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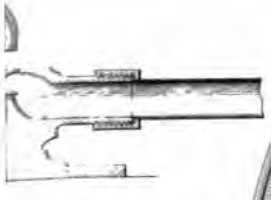

Gravé par Marlier

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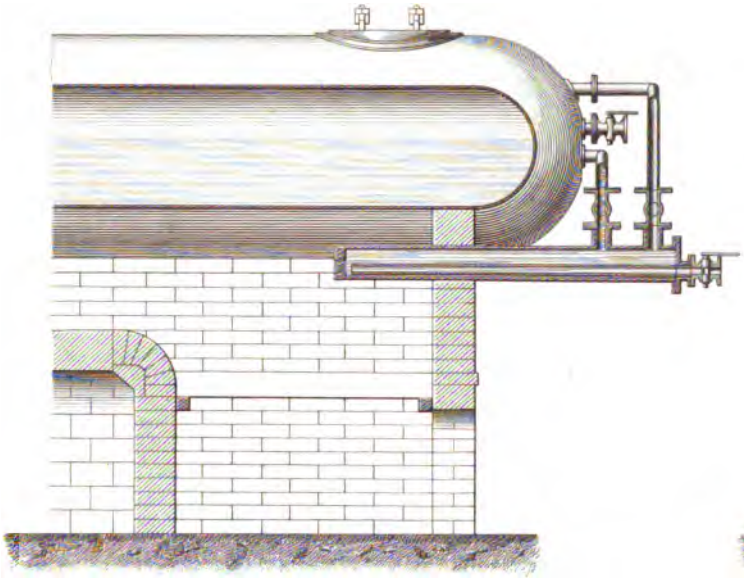

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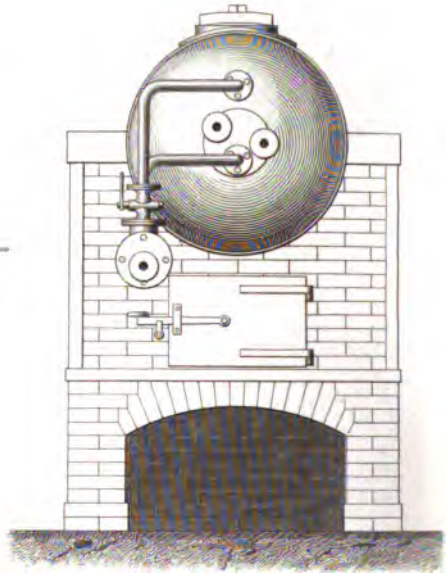

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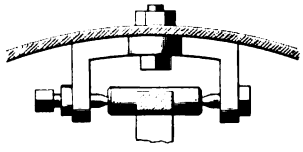

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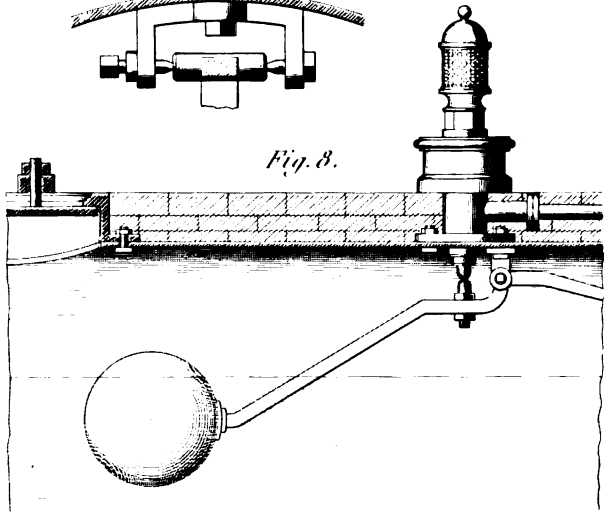

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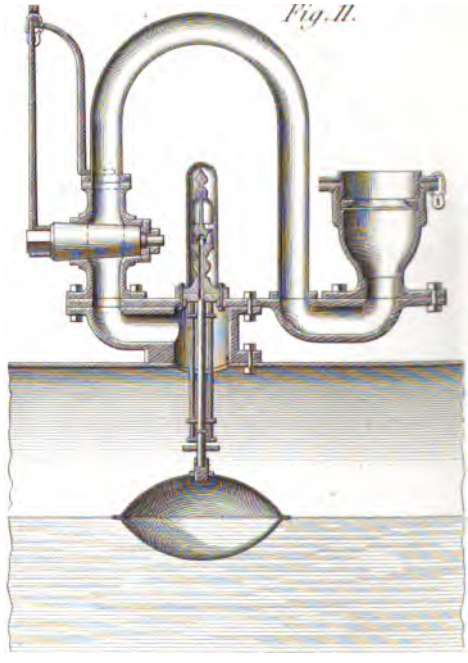

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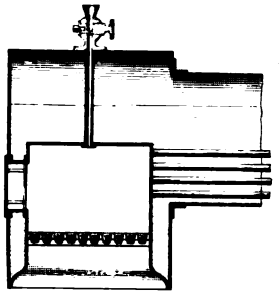

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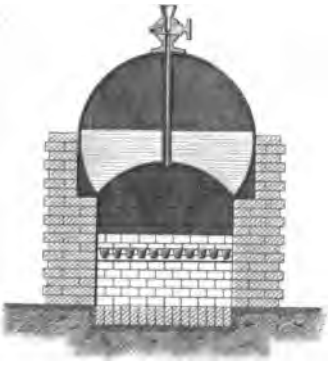

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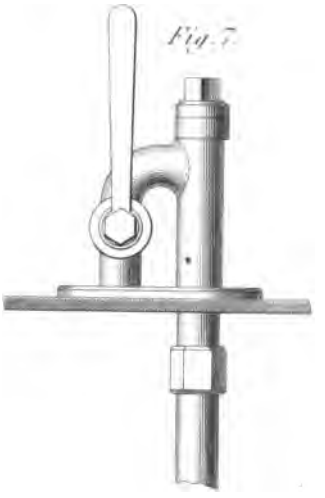

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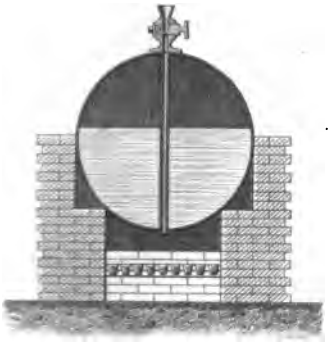

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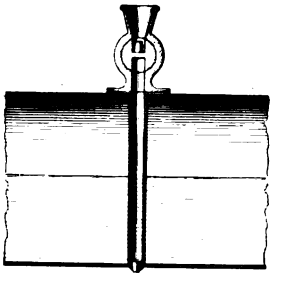

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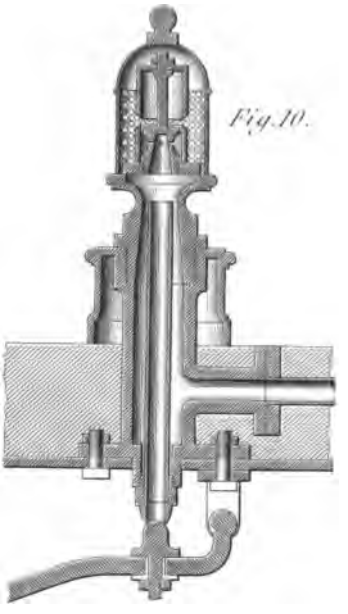

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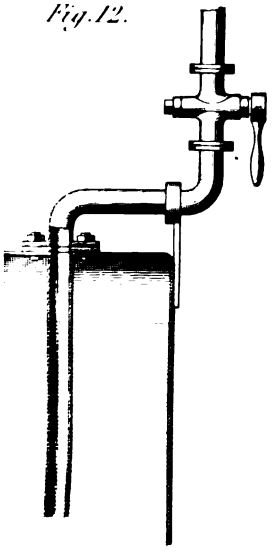

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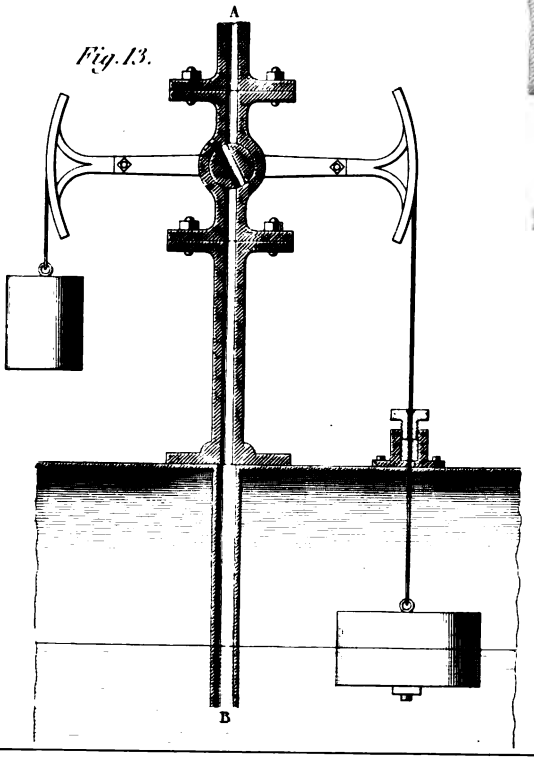

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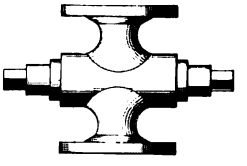

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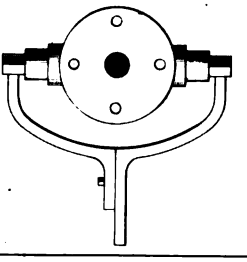

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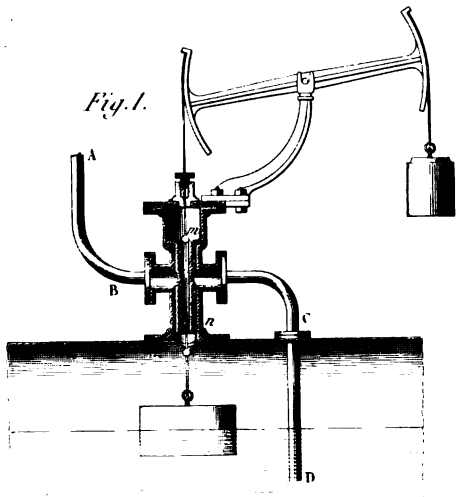

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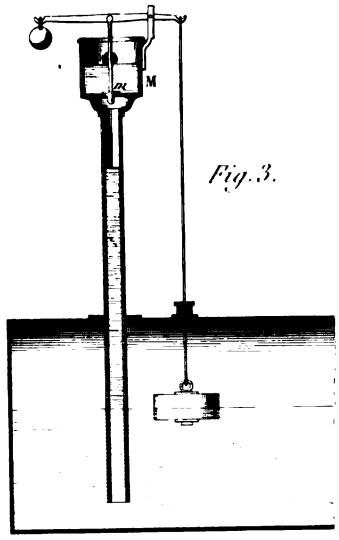

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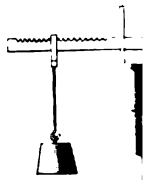

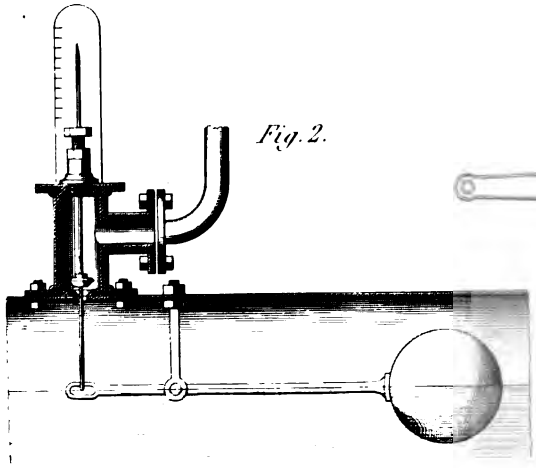

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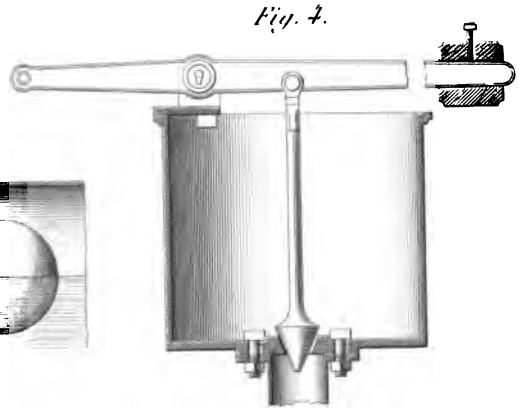

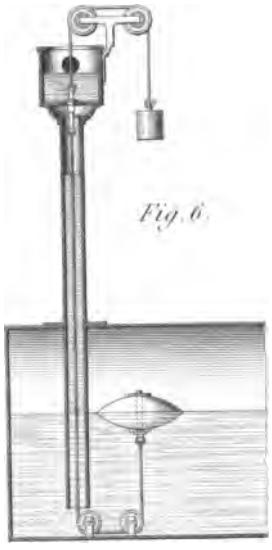

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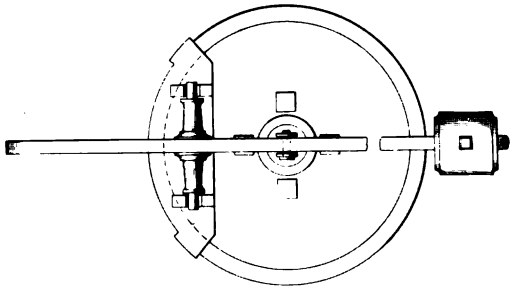

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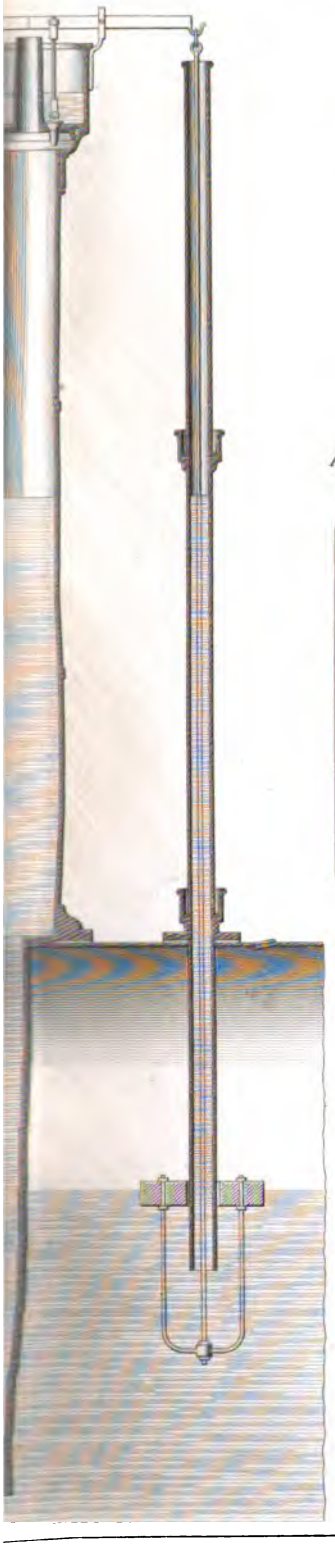


Fig. 9.

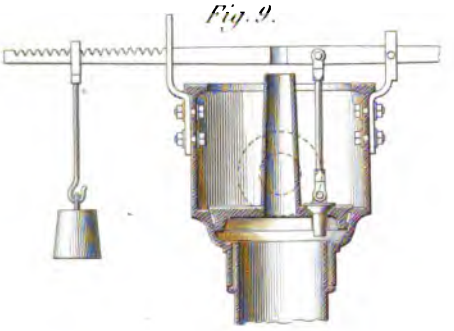


Fig. 10.

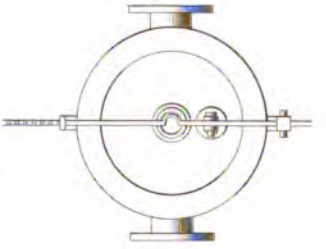
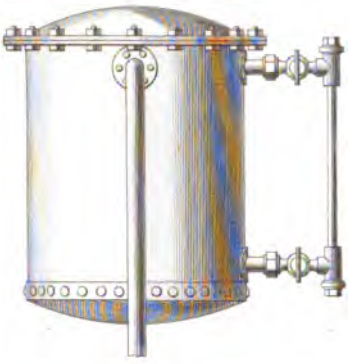


Fig. 8.

Fig. 12.



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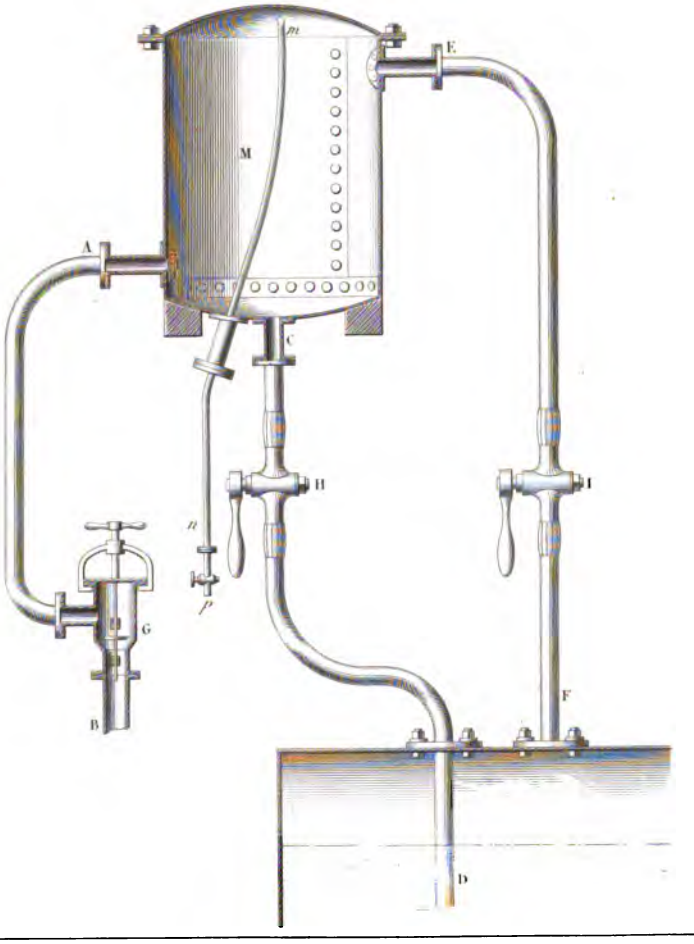

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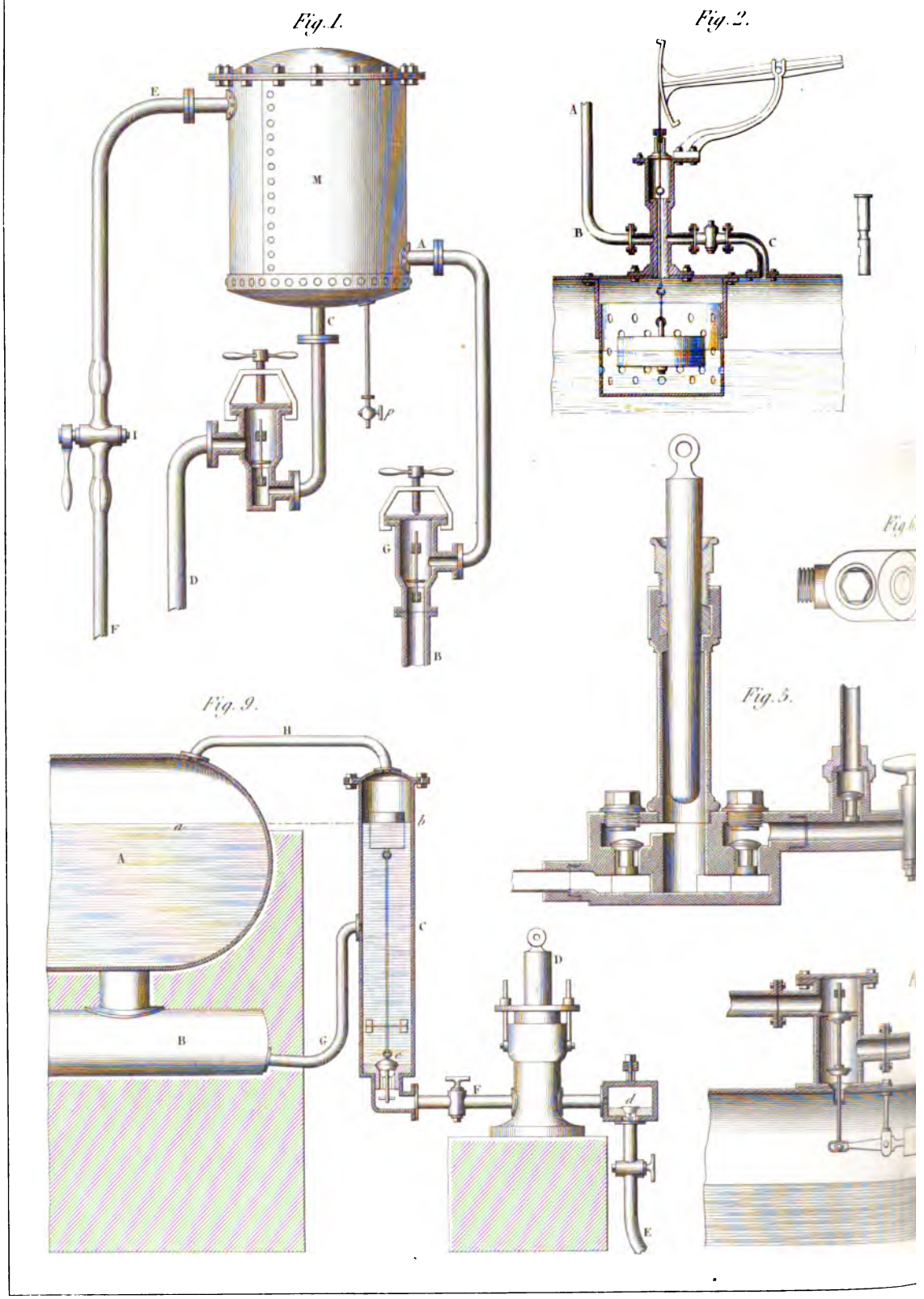
Fig. 1.
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Fig. 2.
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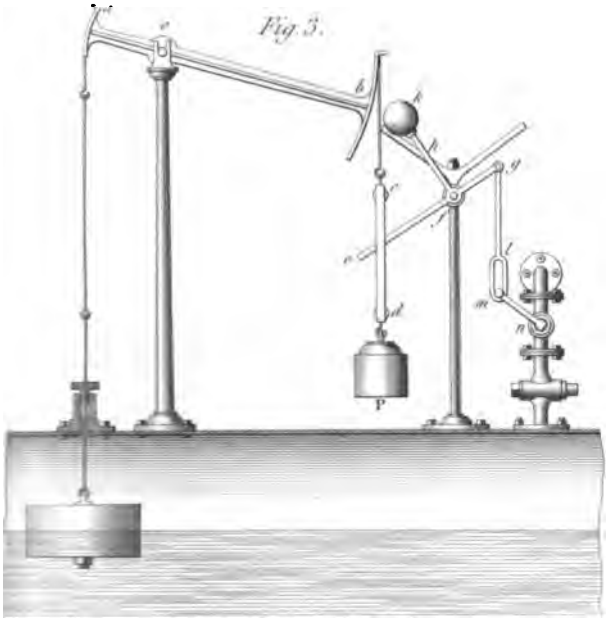
Fig. 3.



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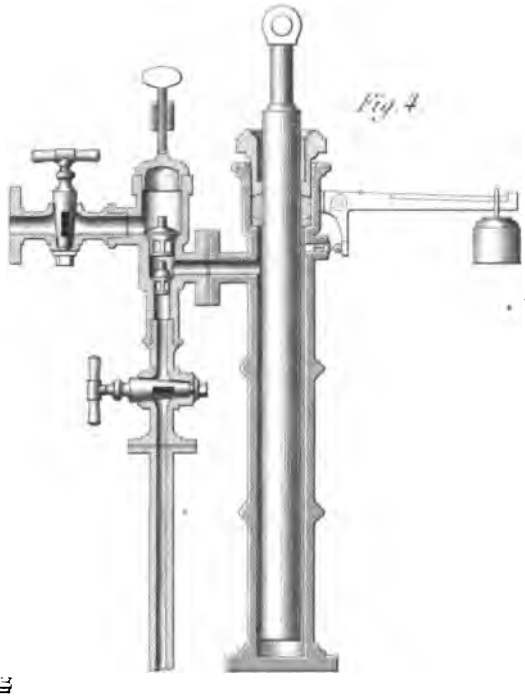

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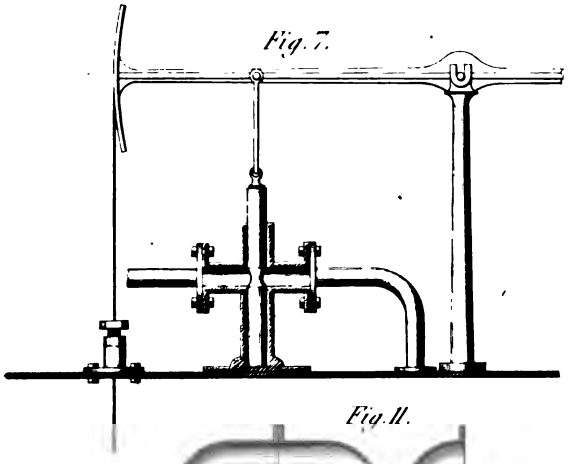

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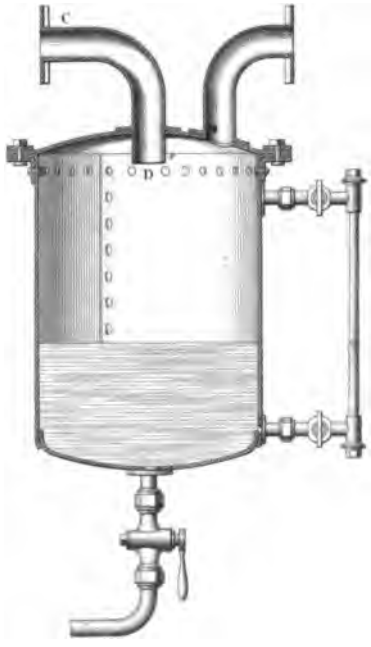

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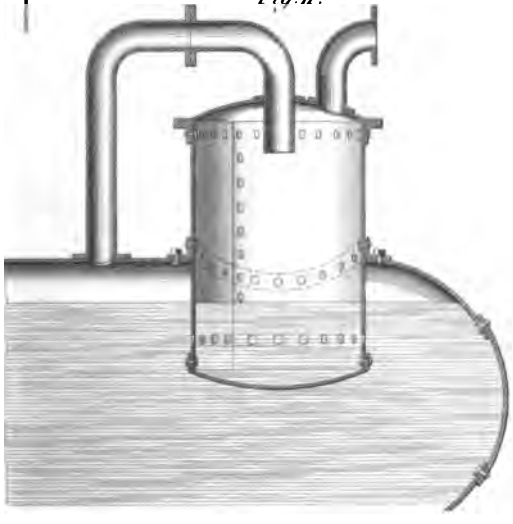

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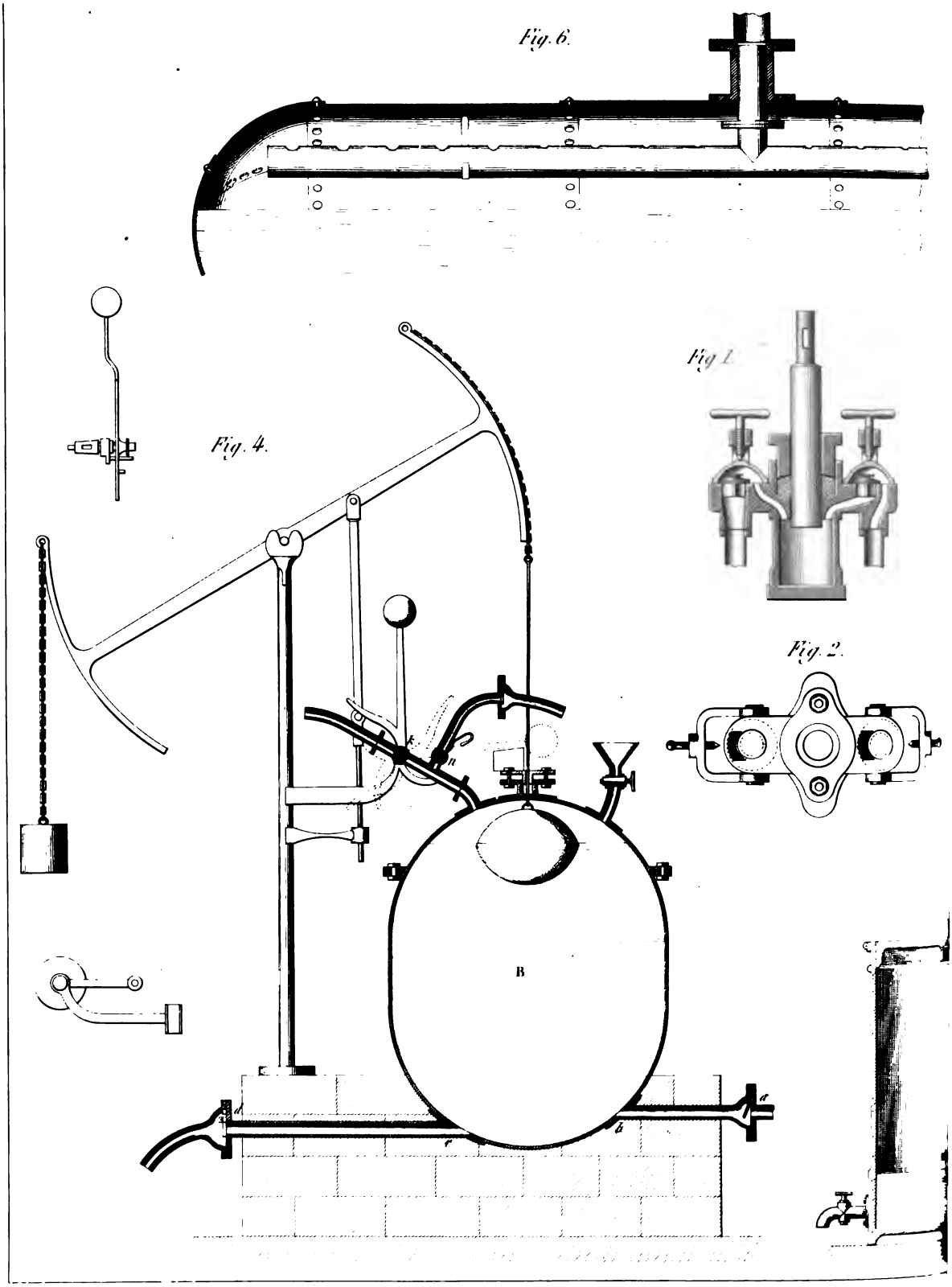
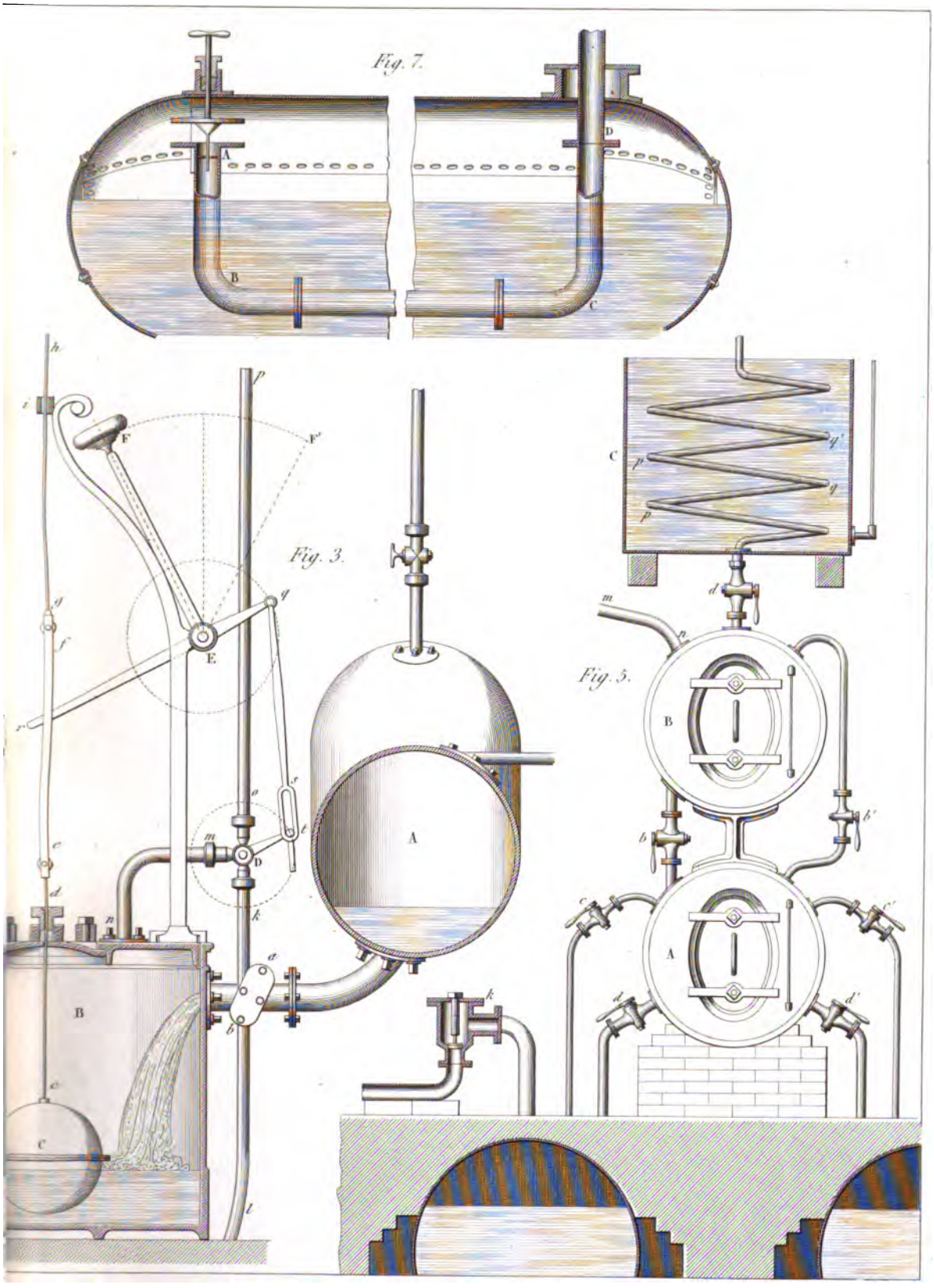


Librairie de L. Hachette.



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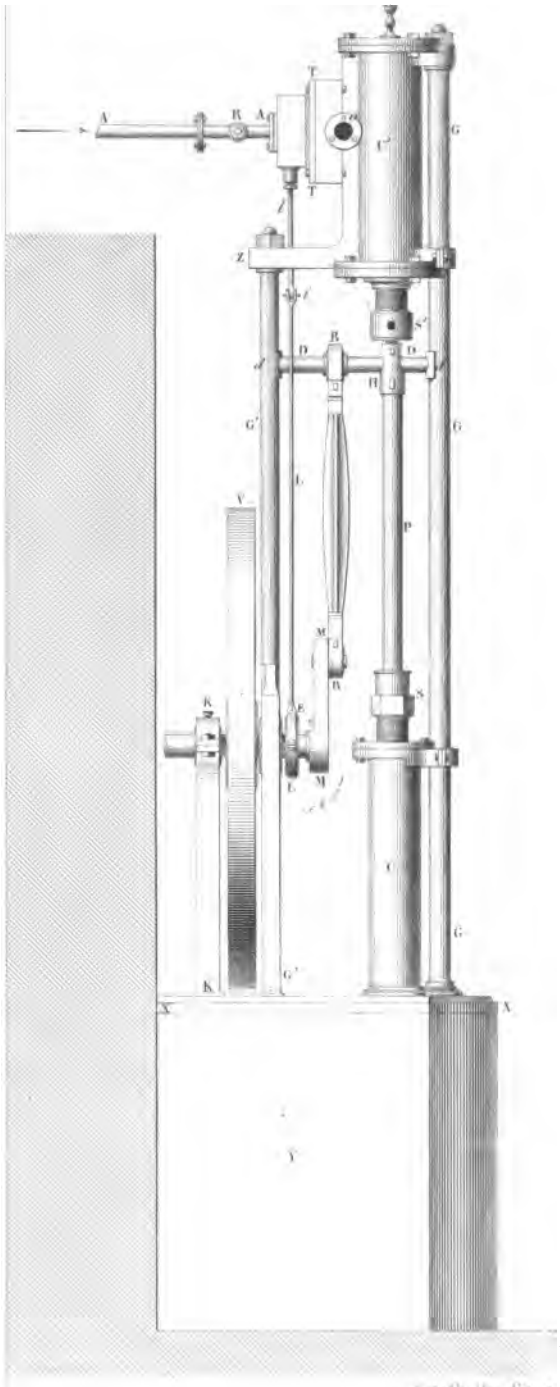

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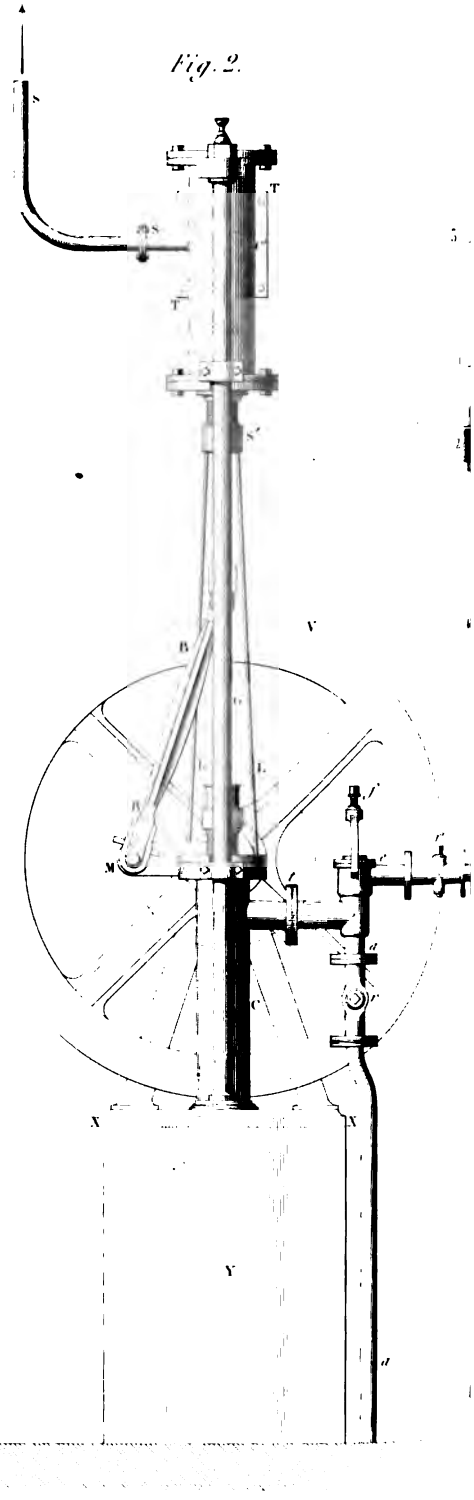
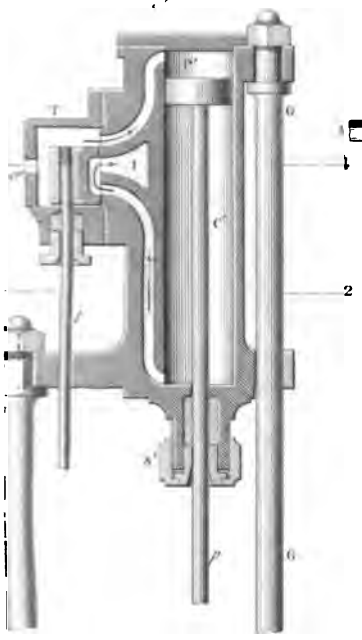


Échelle des Fig. 1 et 2

1 mètre

Fig. 4.



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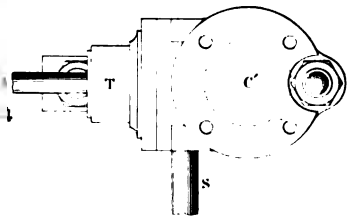

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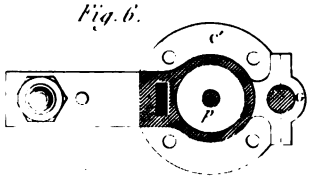

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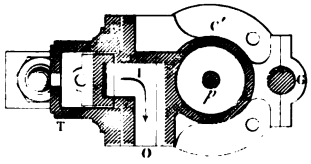

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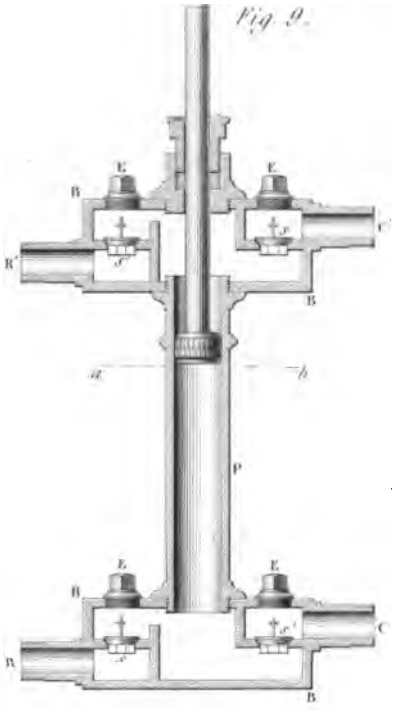

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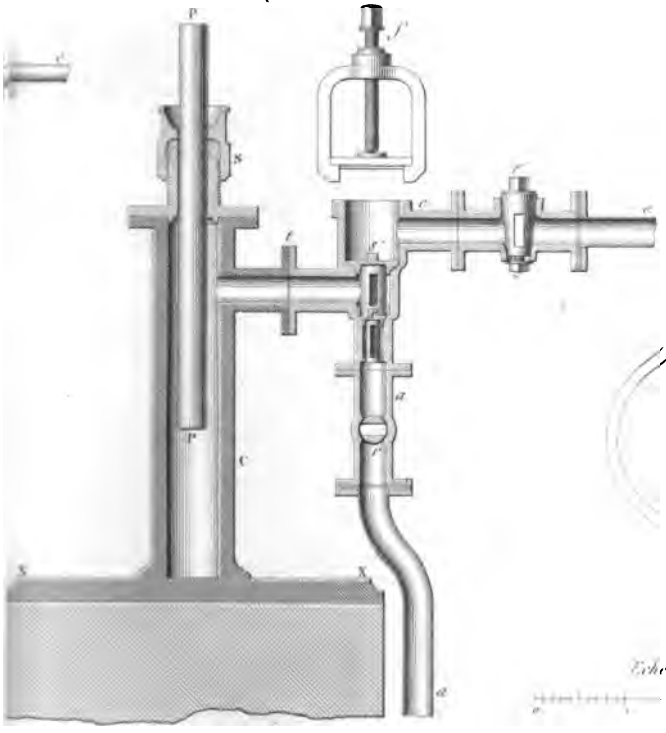

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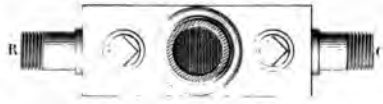

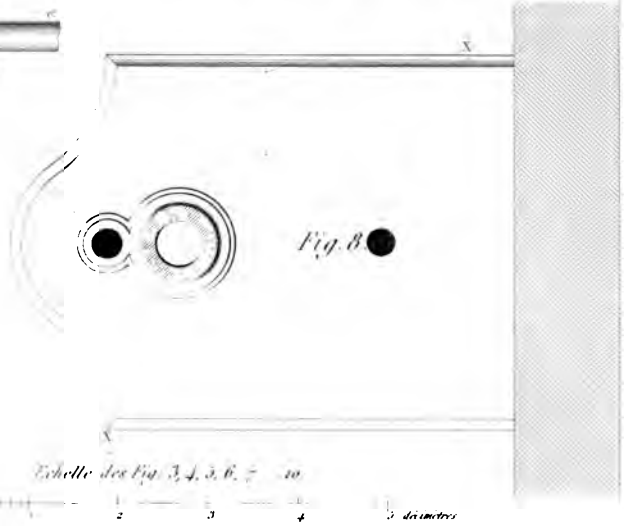

Fig. 8

Échelle des Fig. 3, 4, 5, 6, 7 et 10.

0 1 2 3 4 5 diamètres

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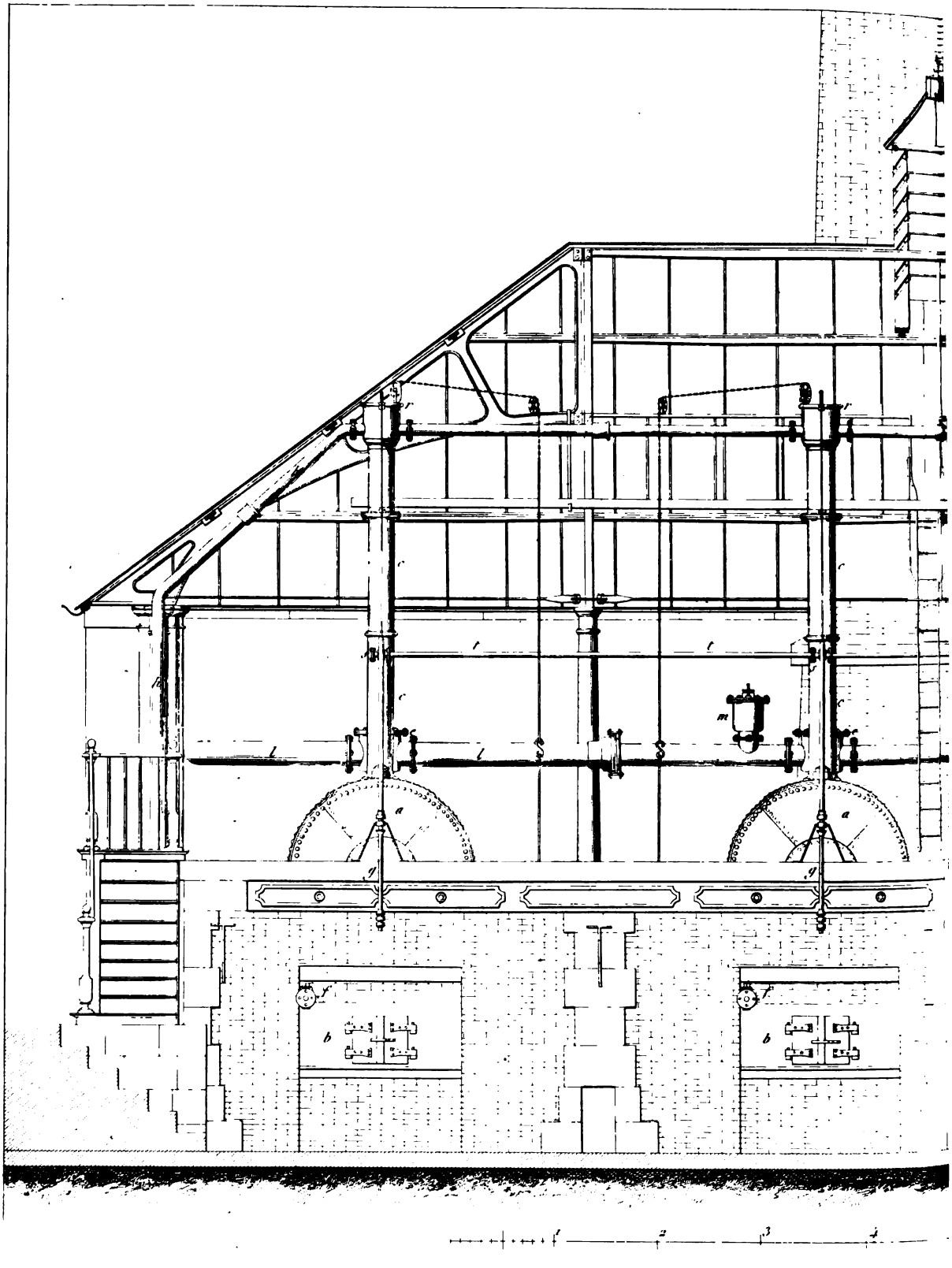

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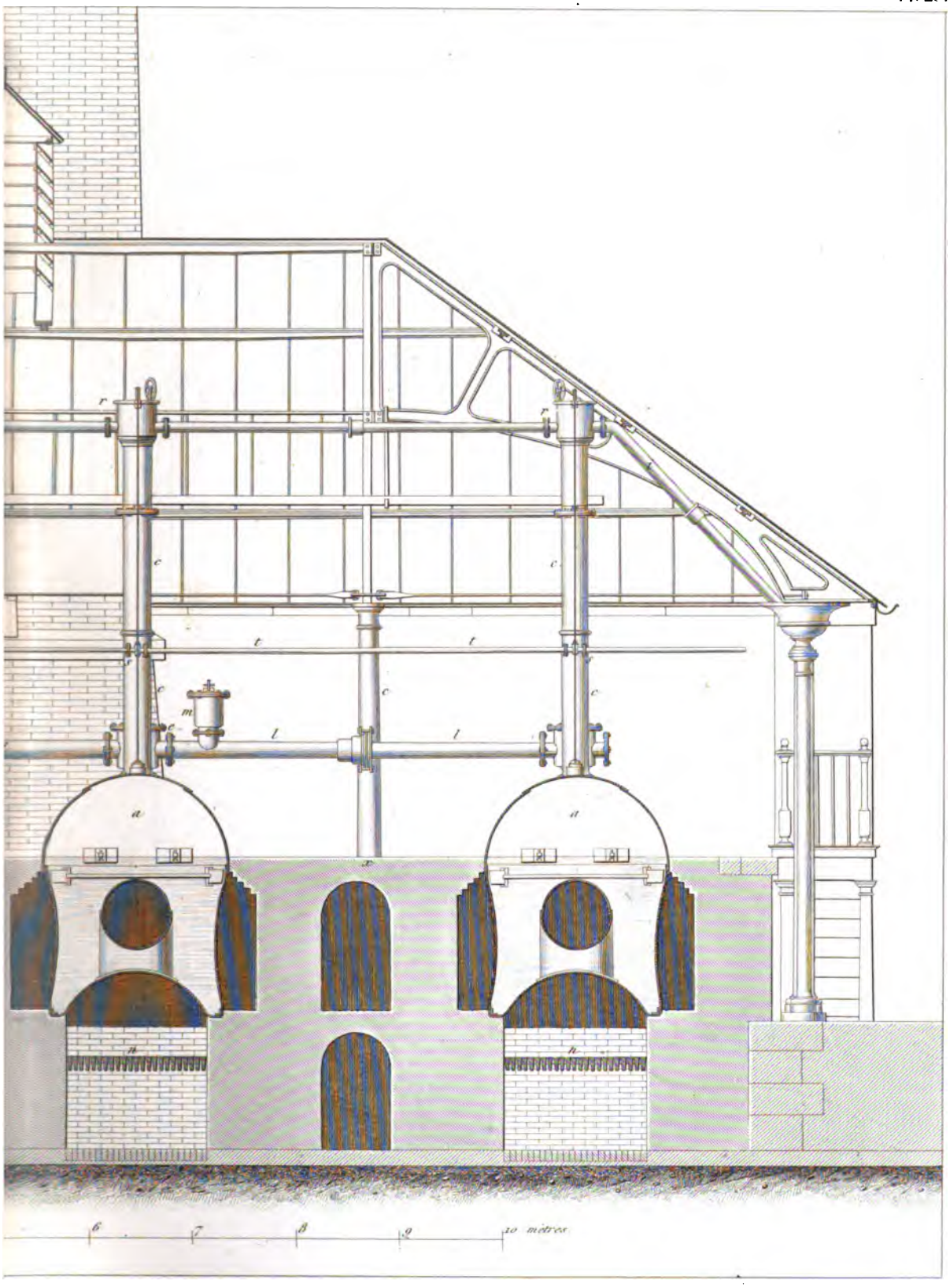

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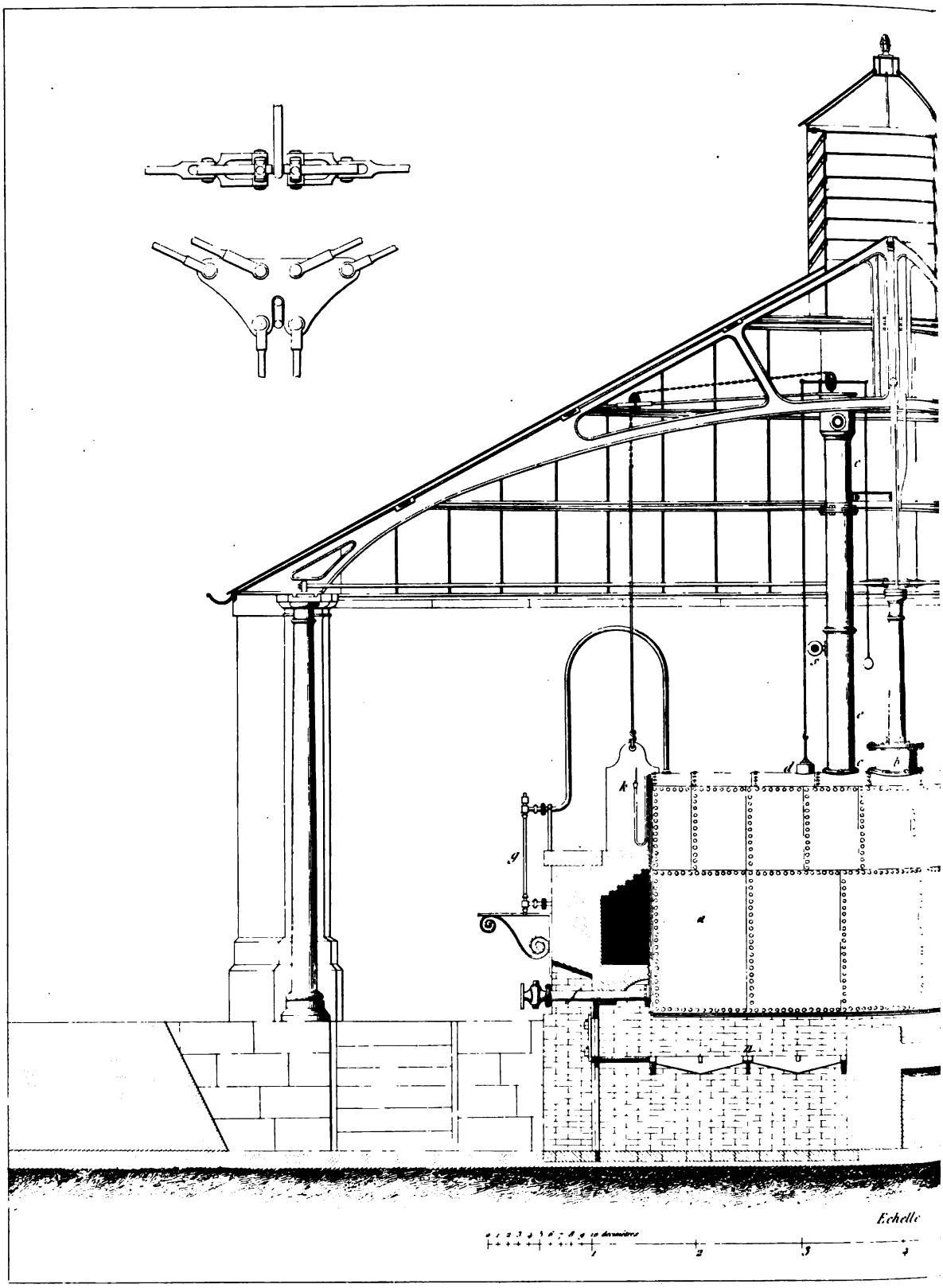

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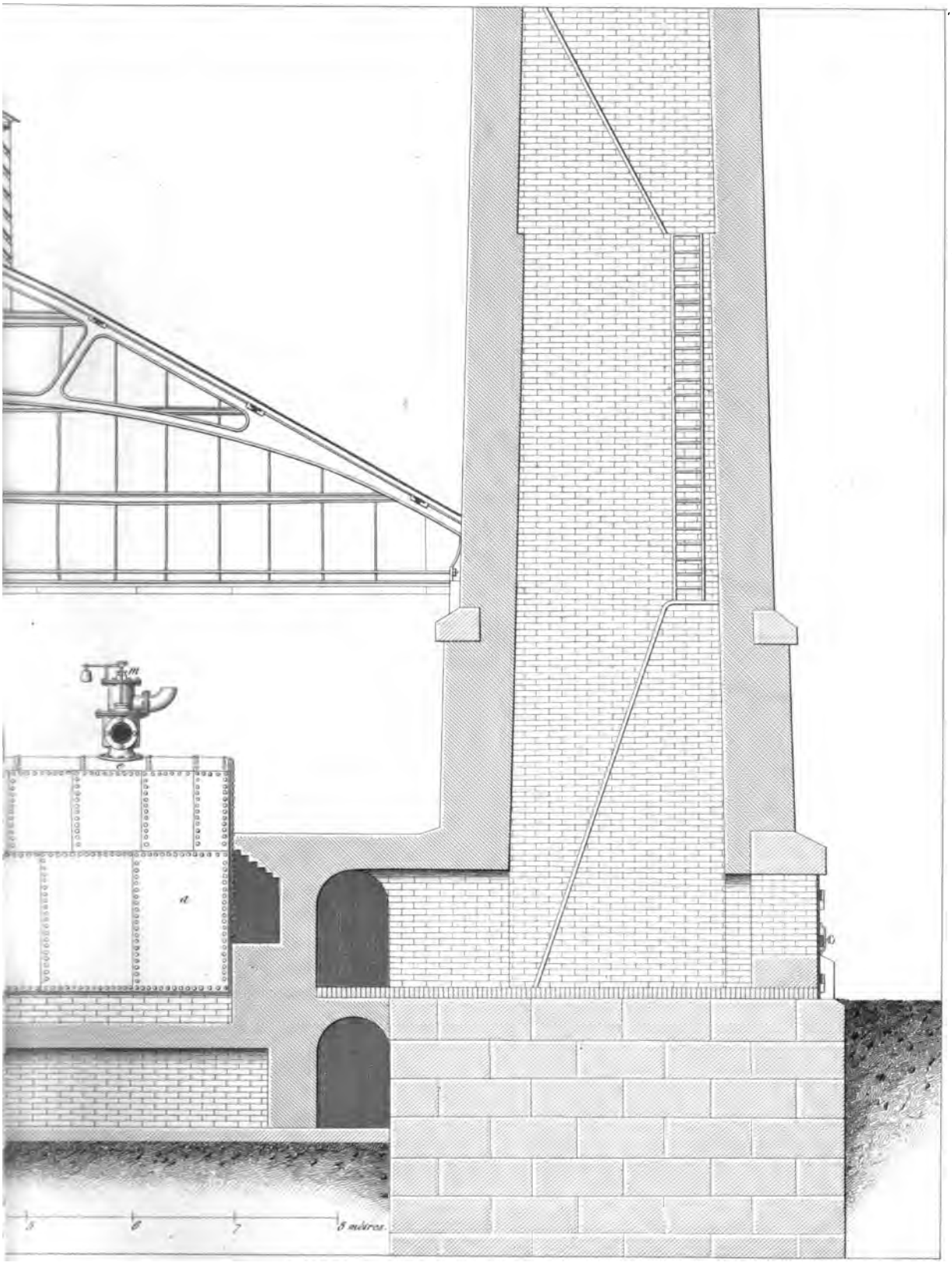

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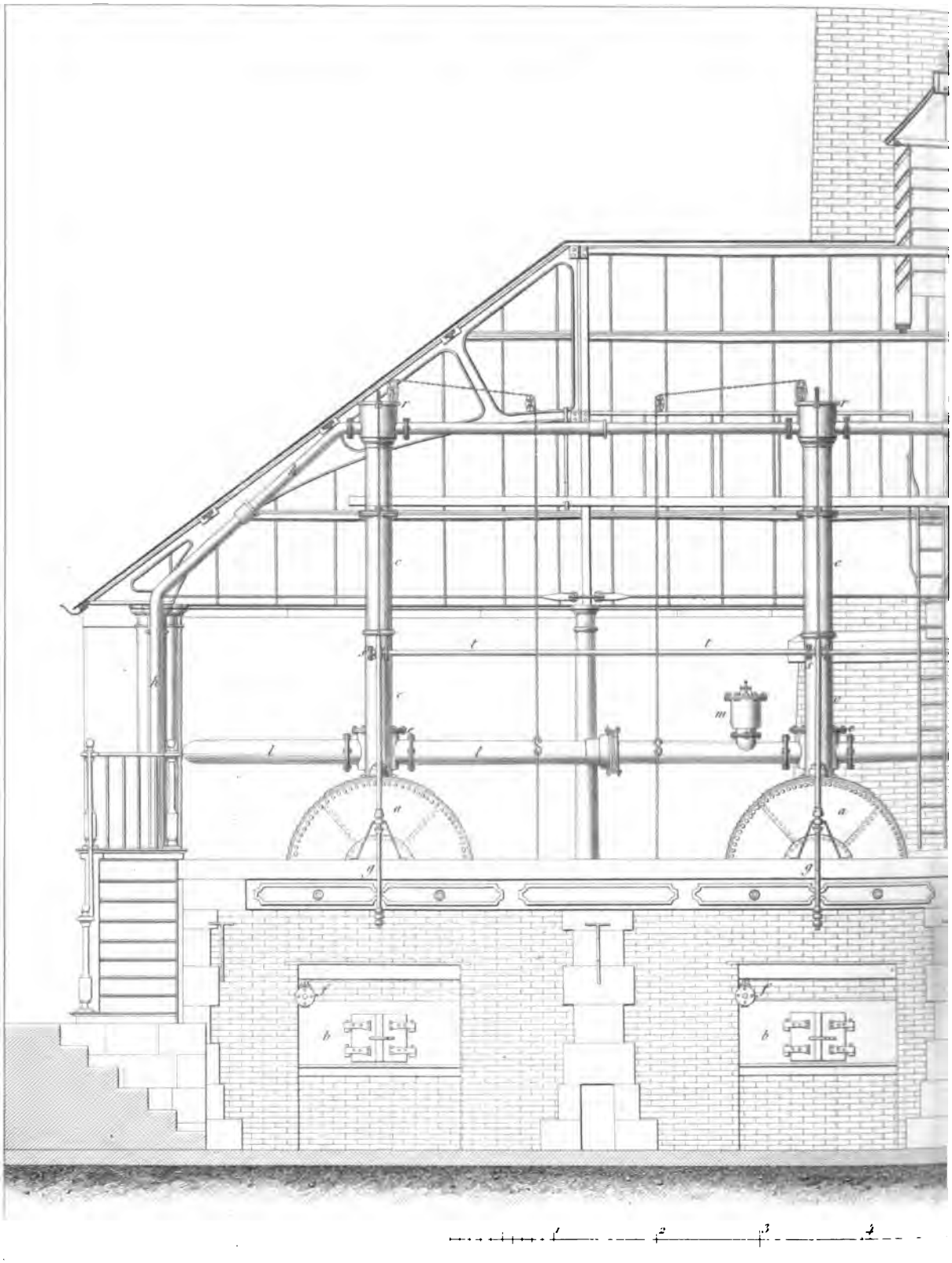
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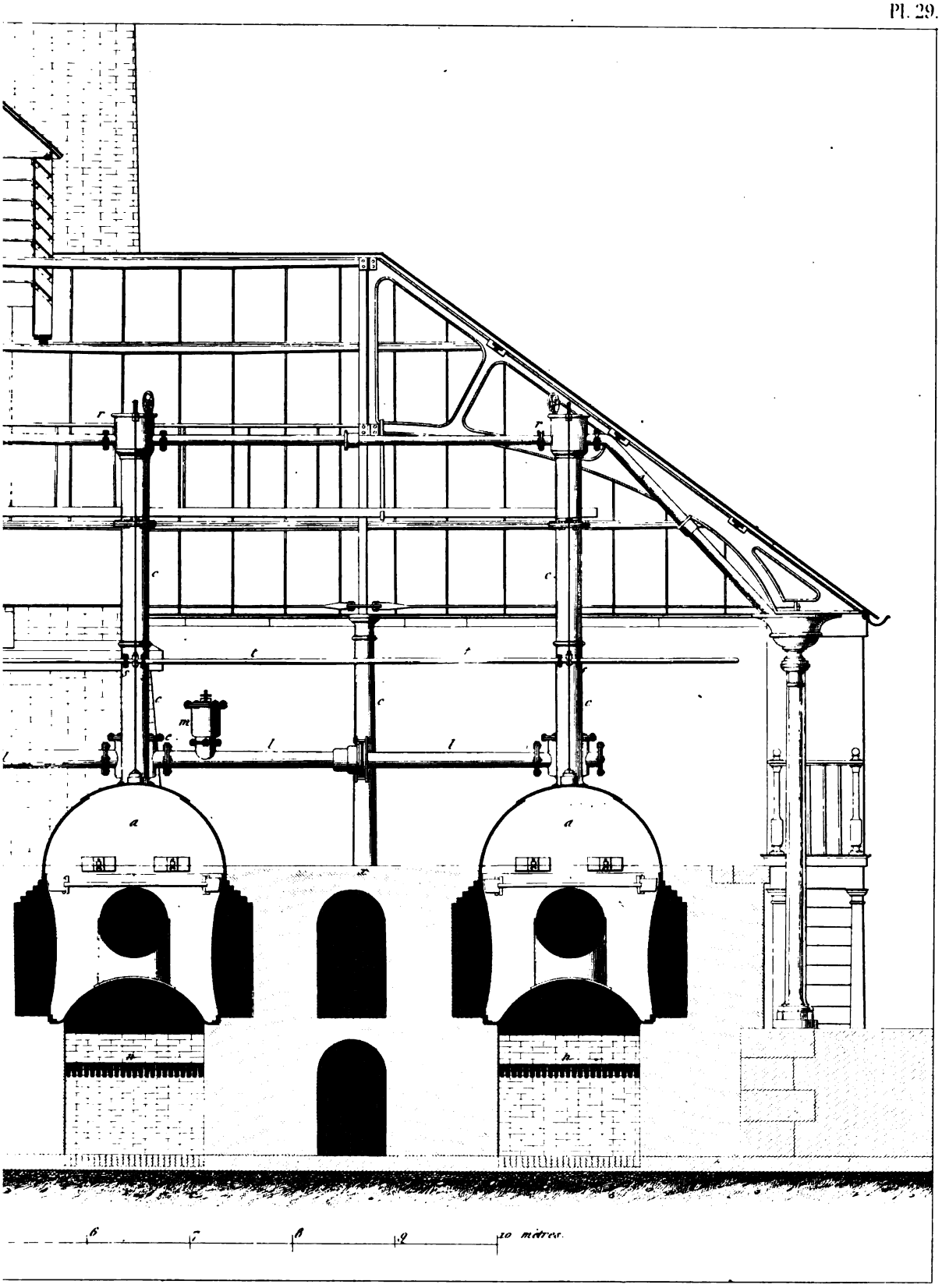

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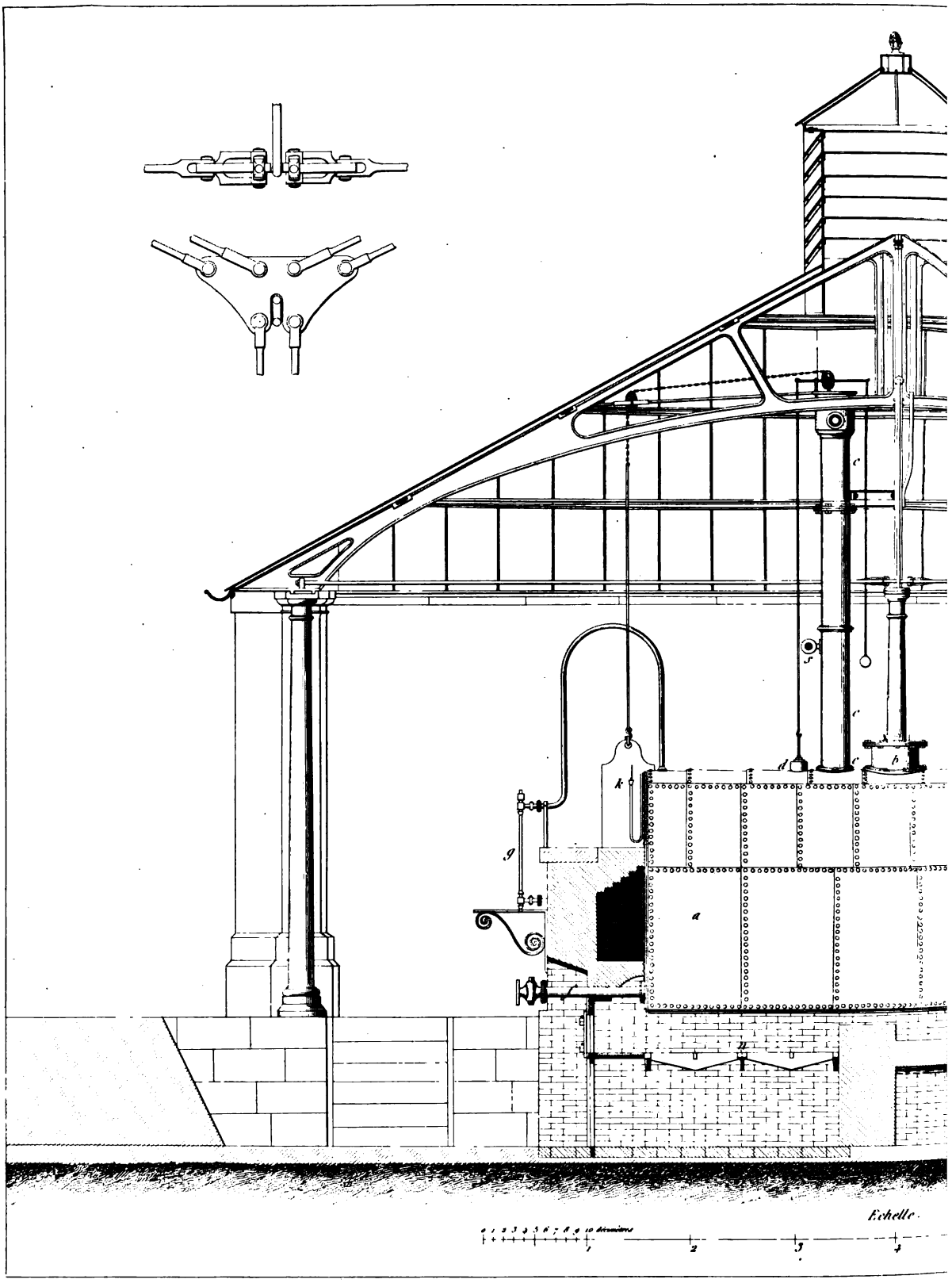

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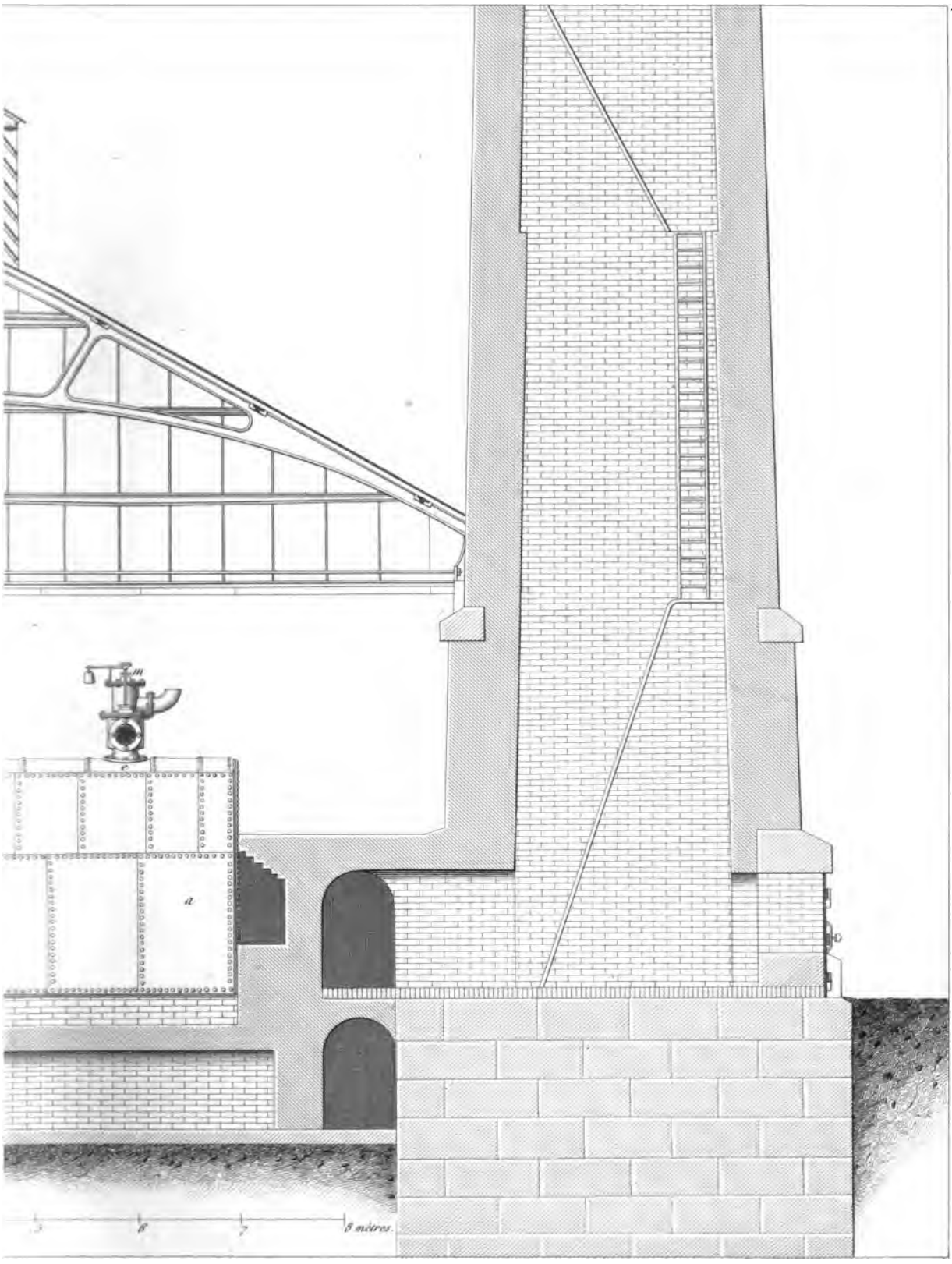

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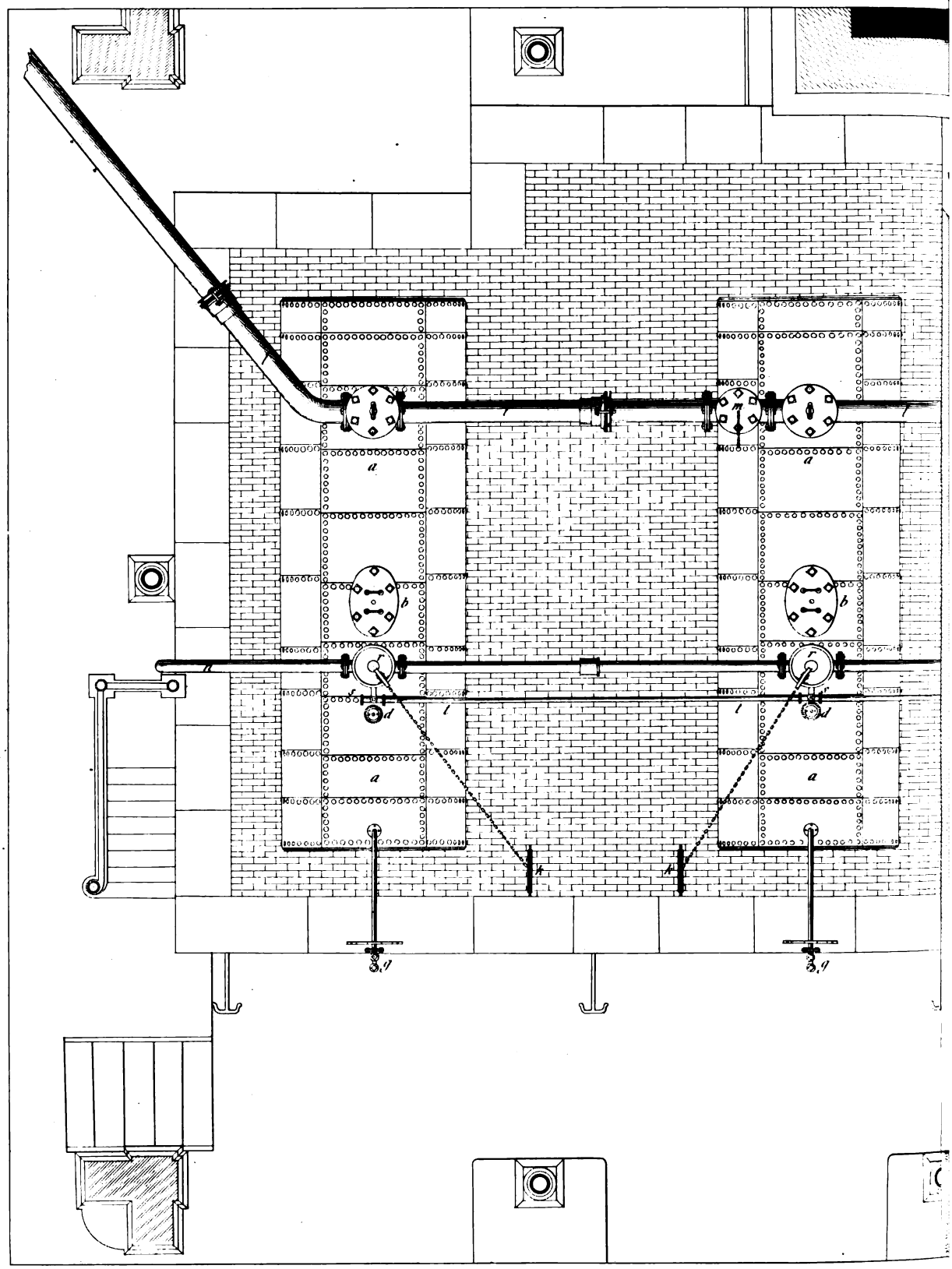

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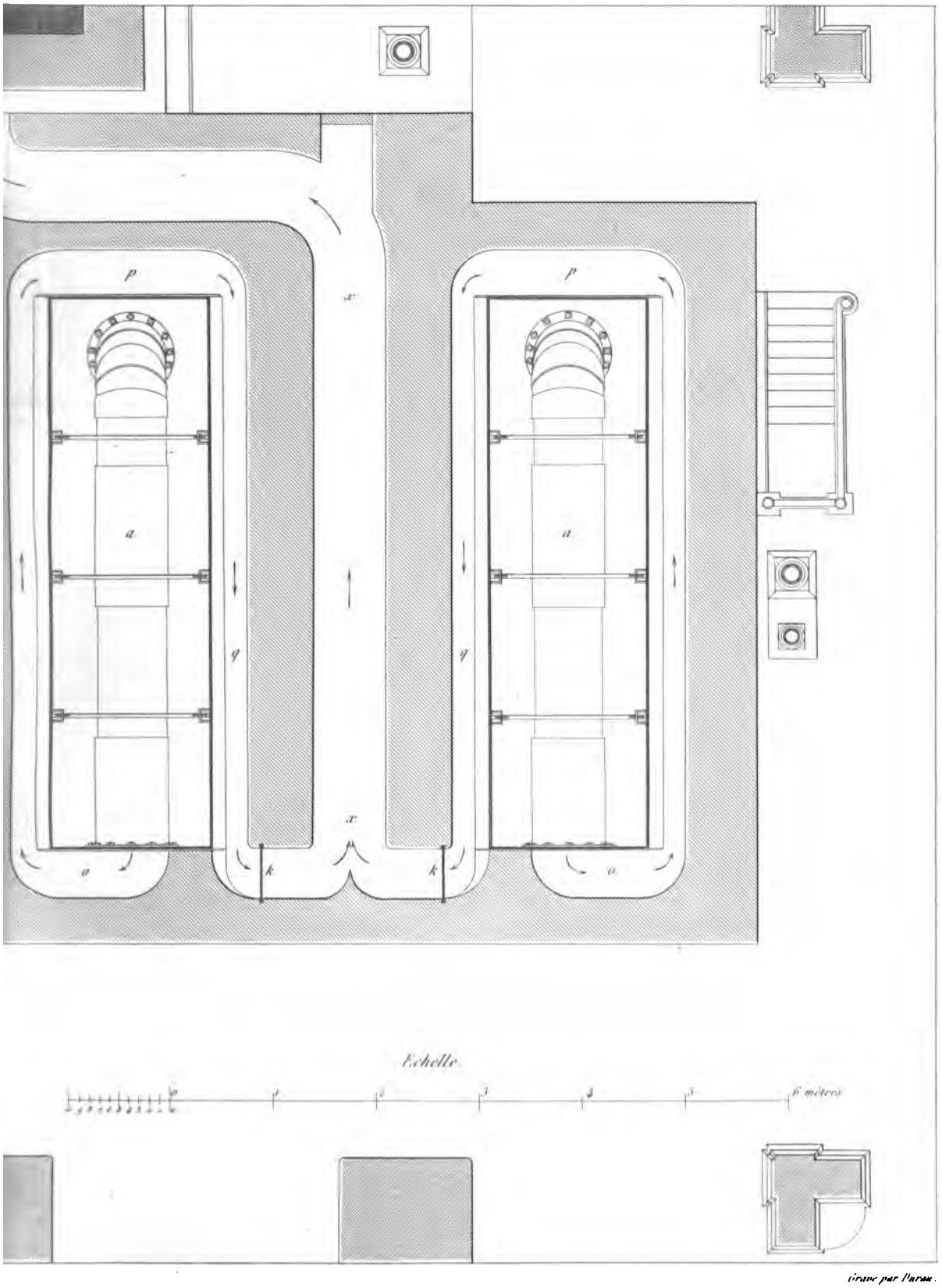

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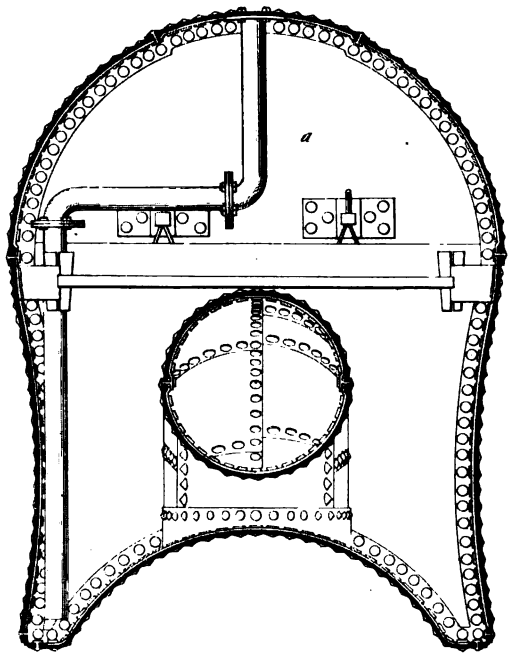

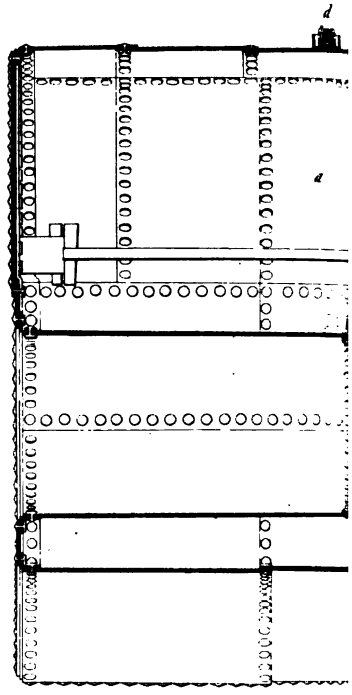

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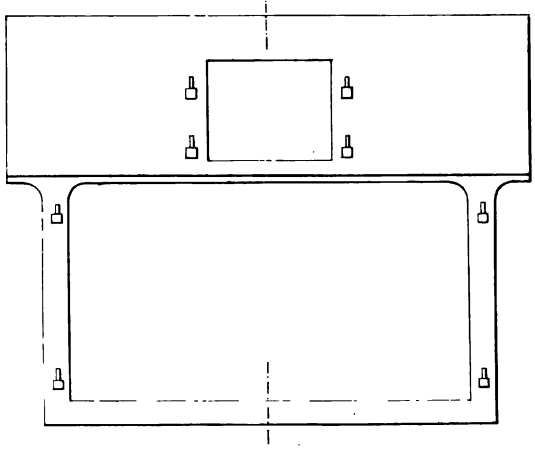

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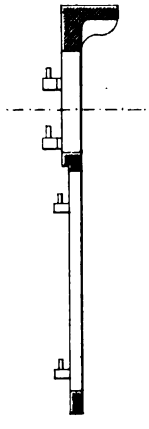

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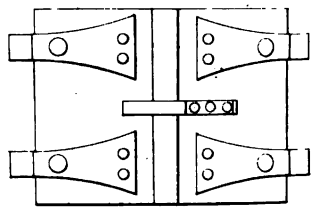

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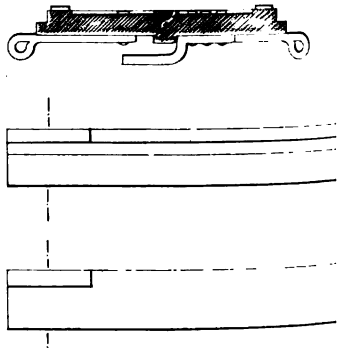

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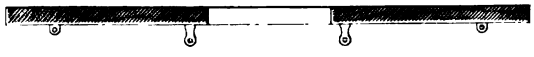
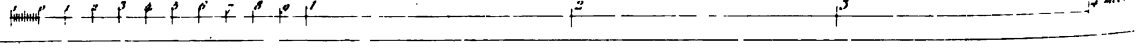
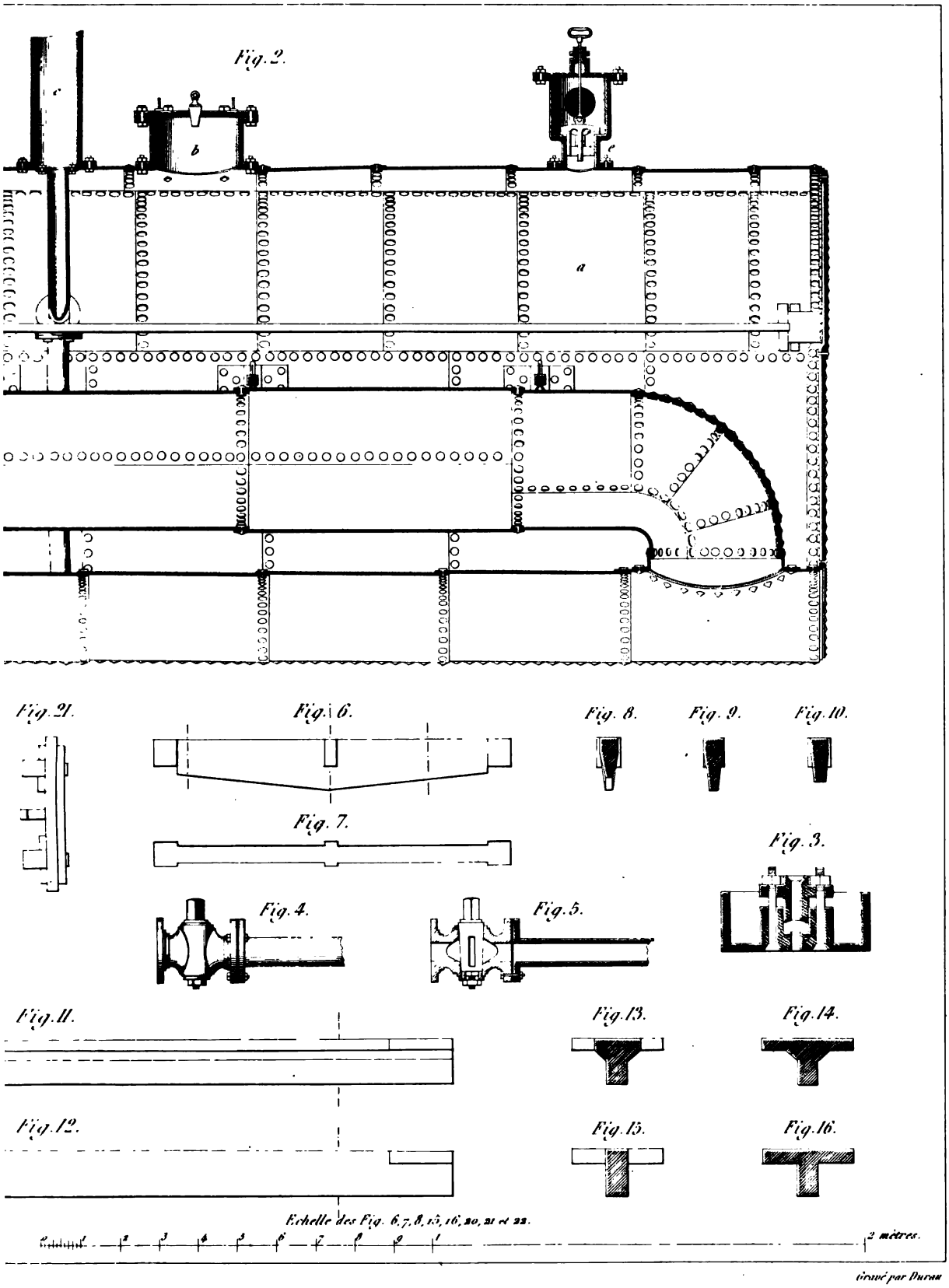


Échelle des Fig. 1, 2, 17, 18 et 19.



Librairie de L. Hachette.



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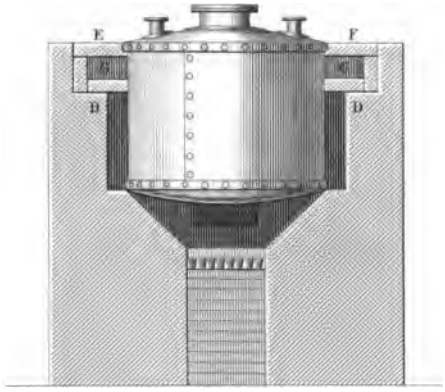

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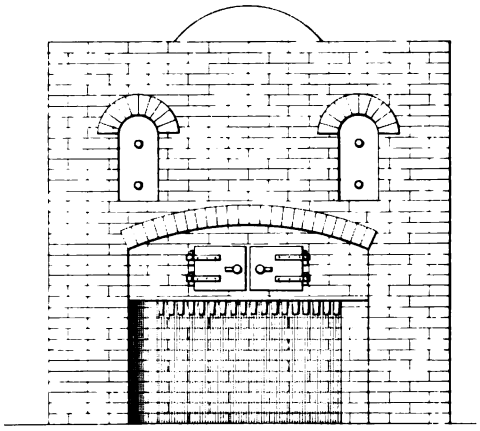

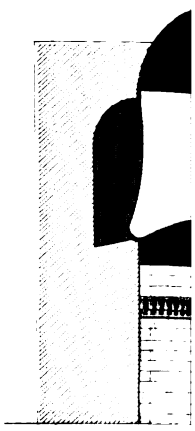

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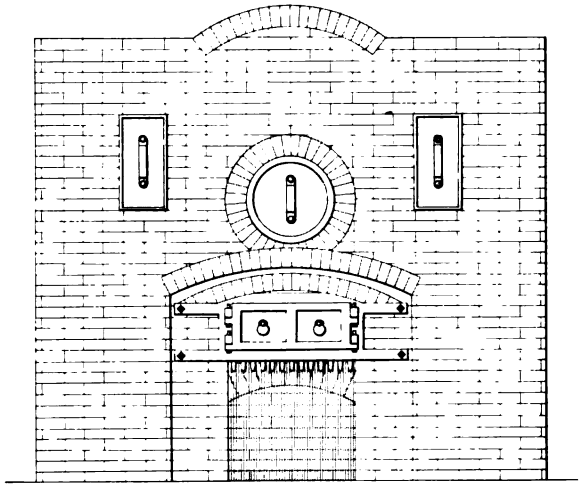

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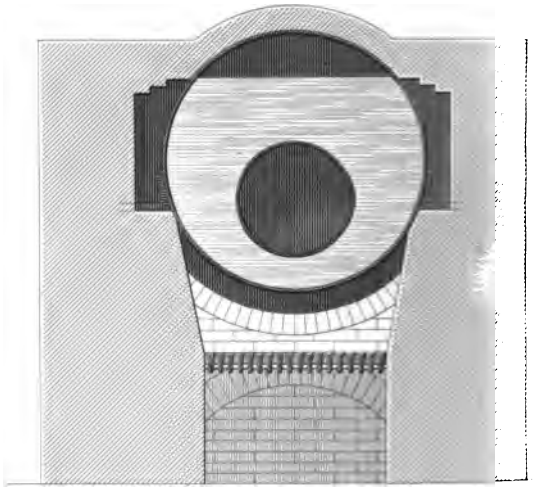

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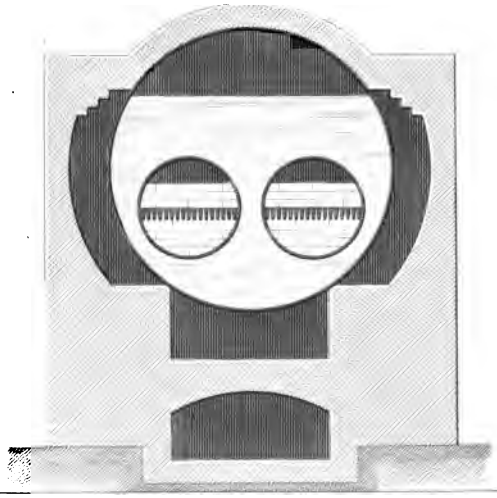

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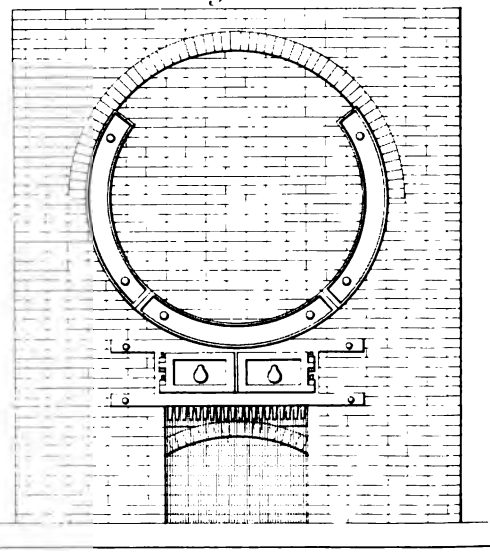

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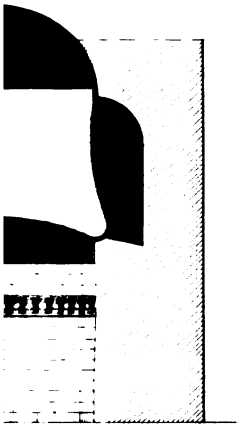

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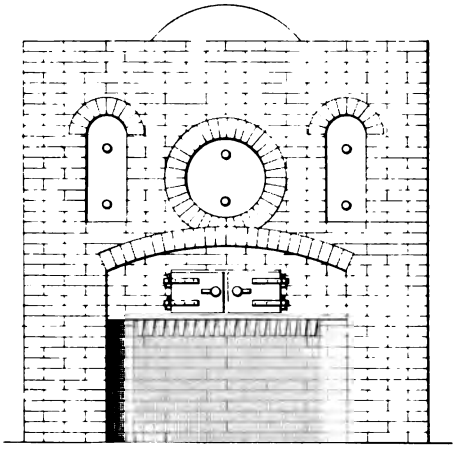

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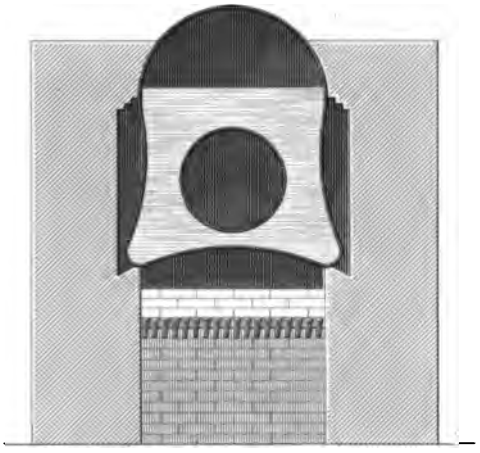

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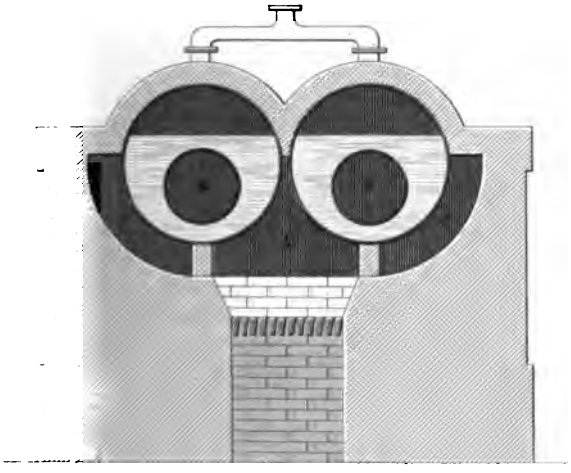
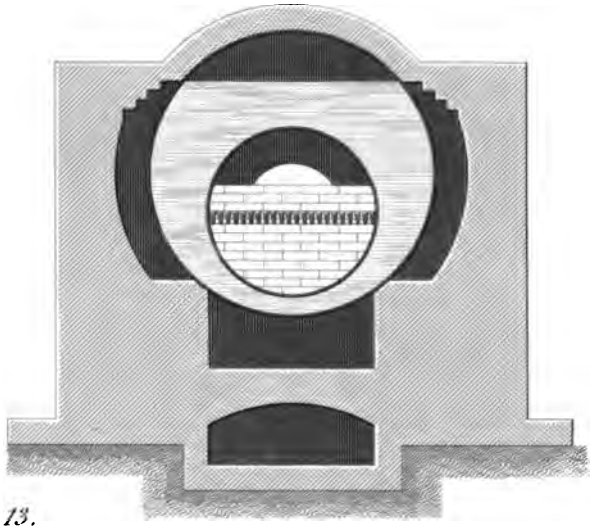


Fig. 9.



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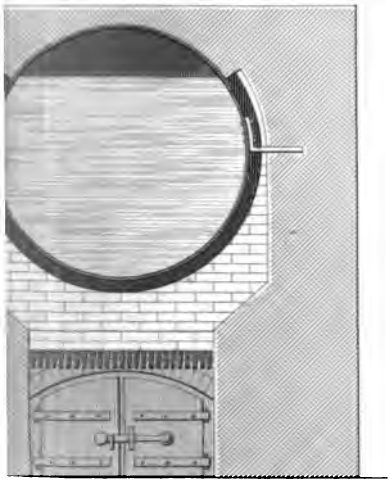

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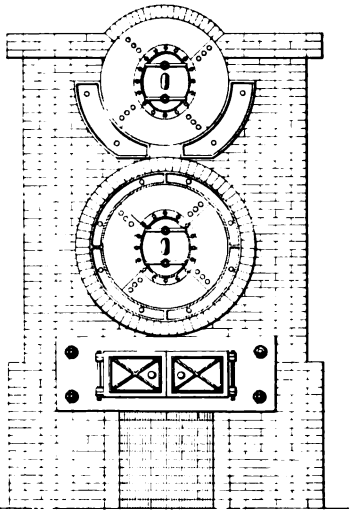

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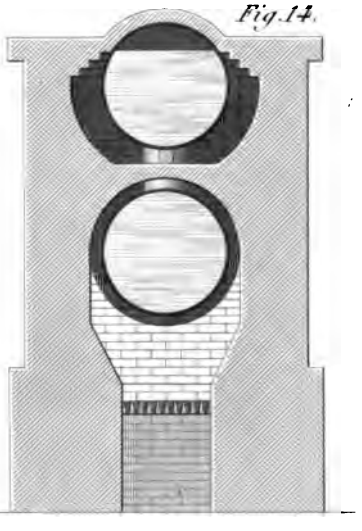
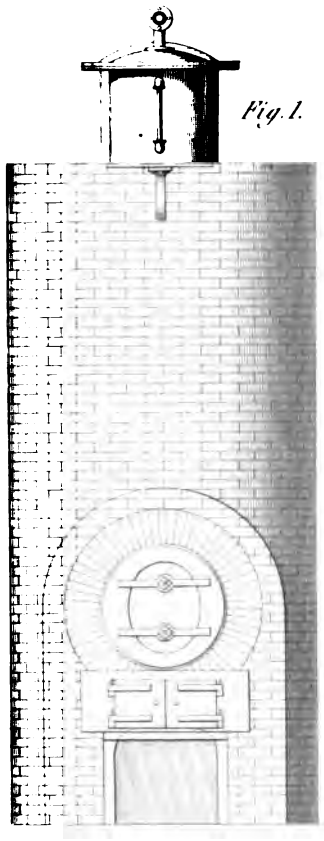


Gravé par Guiguet



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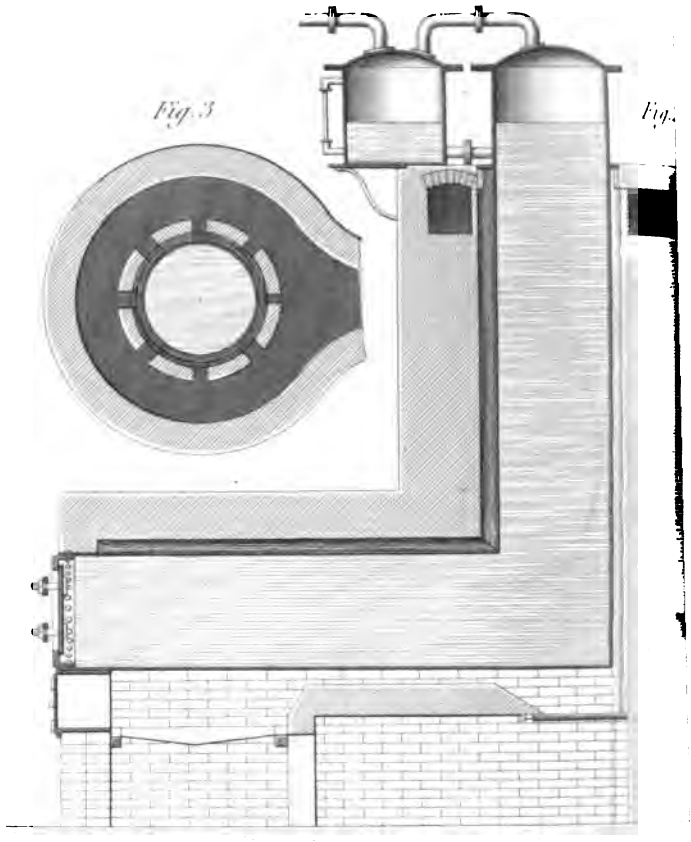
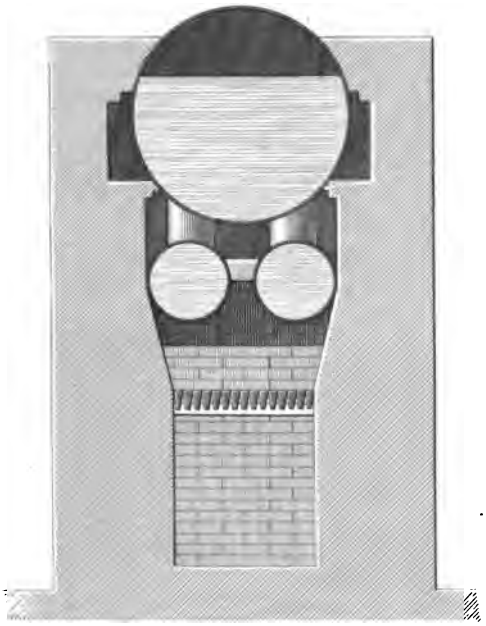


Fig. 3

Fig.

Fig. 9.



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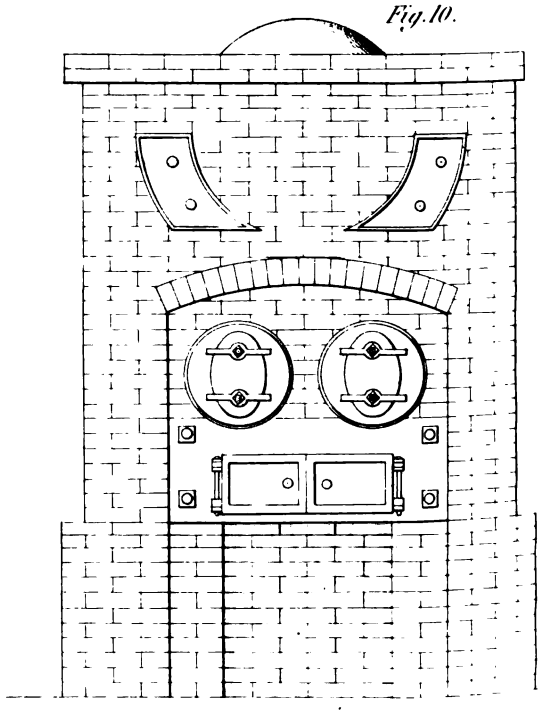

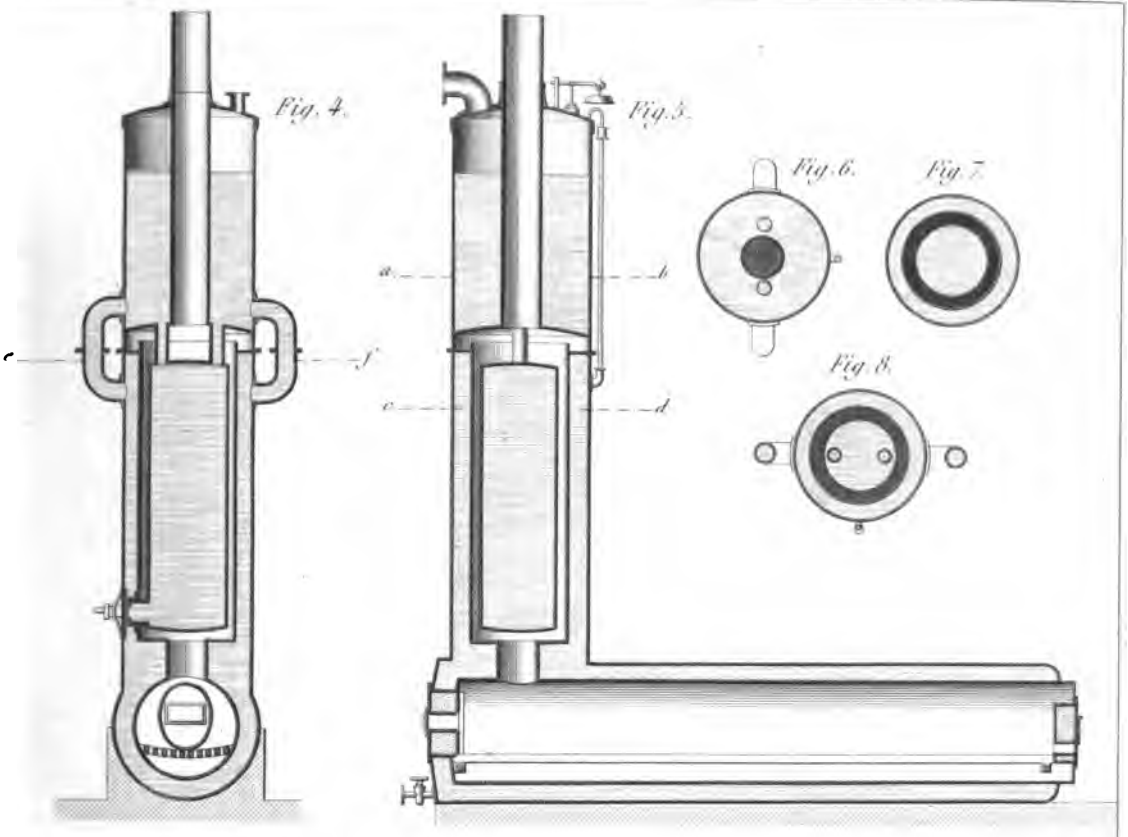

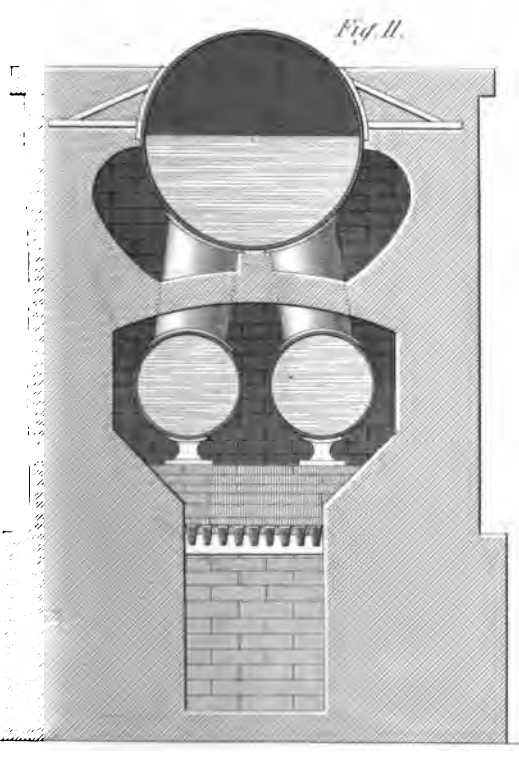

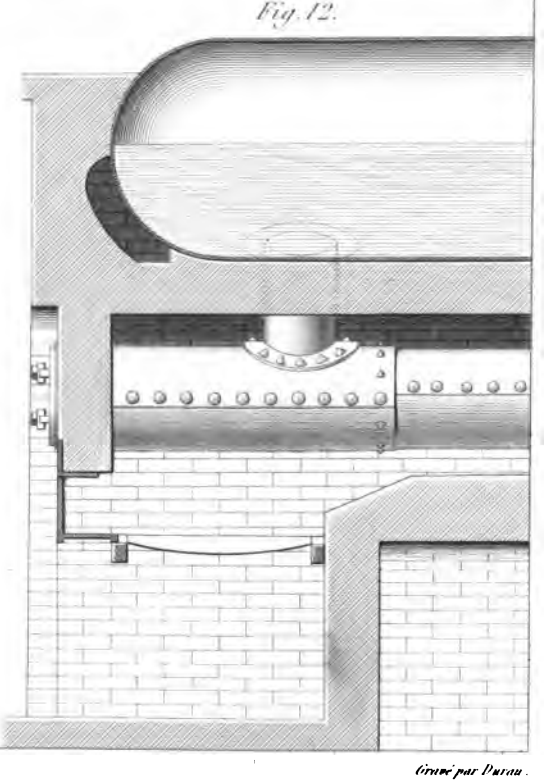

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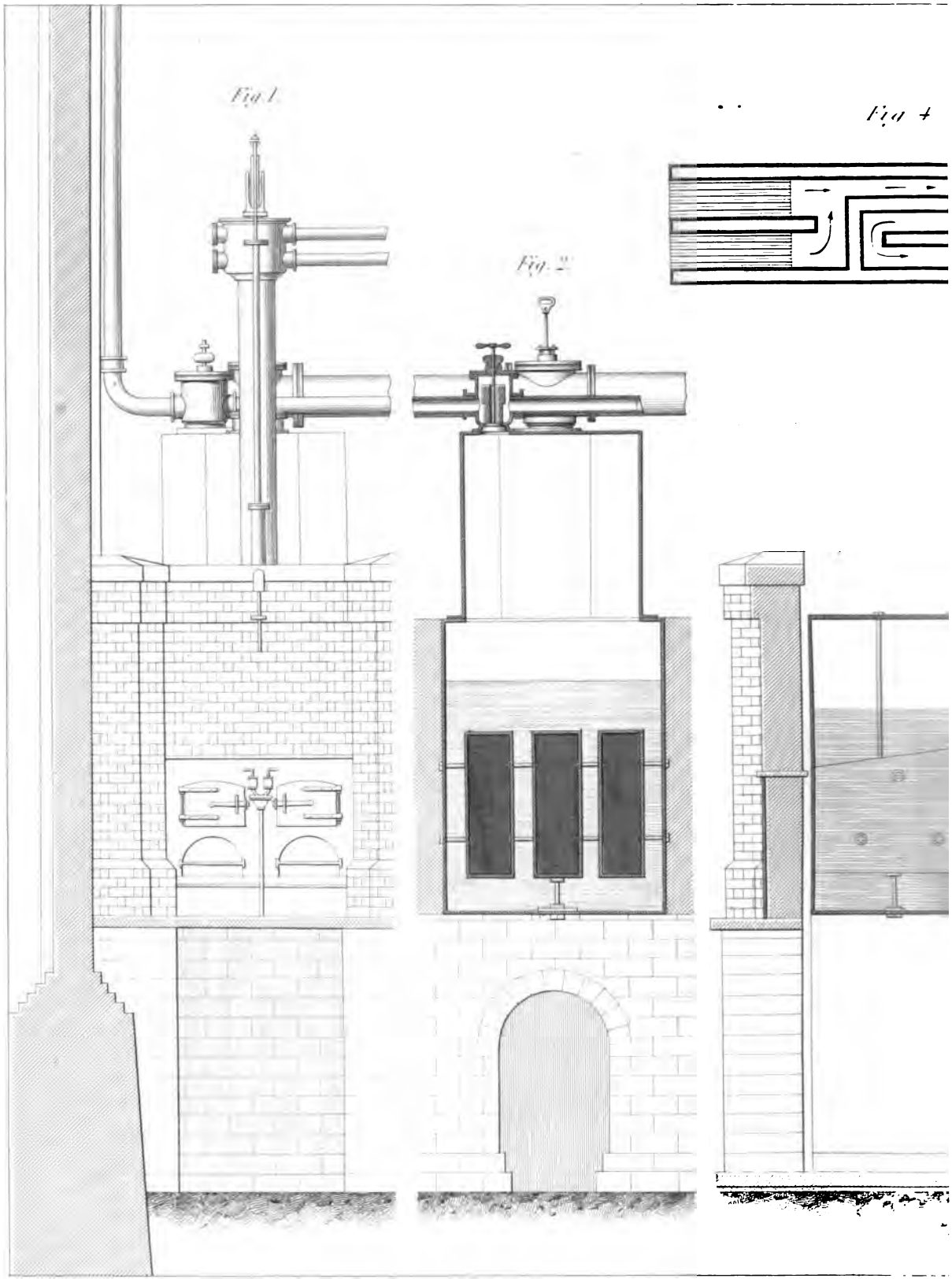
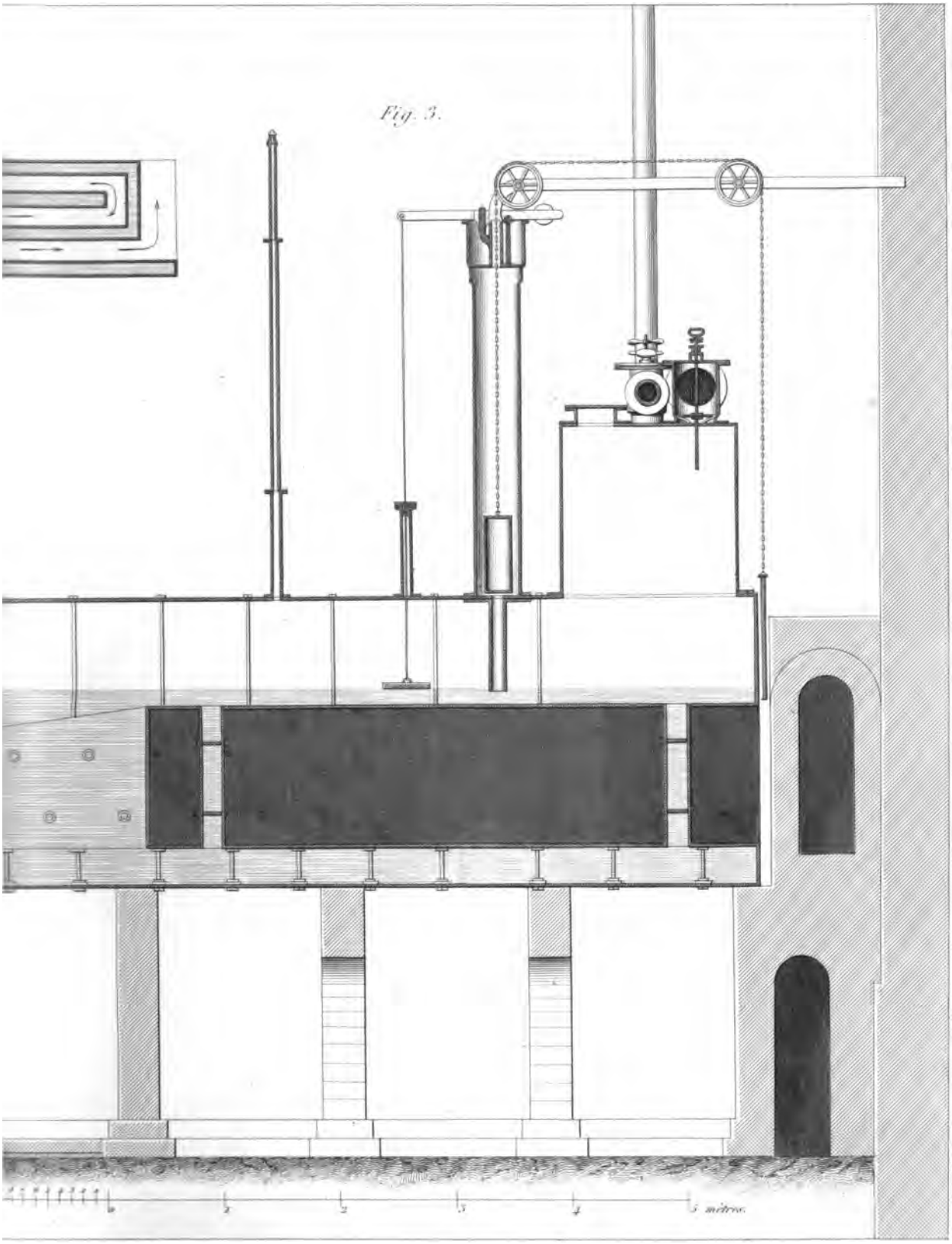


Librairie de L. Hachette



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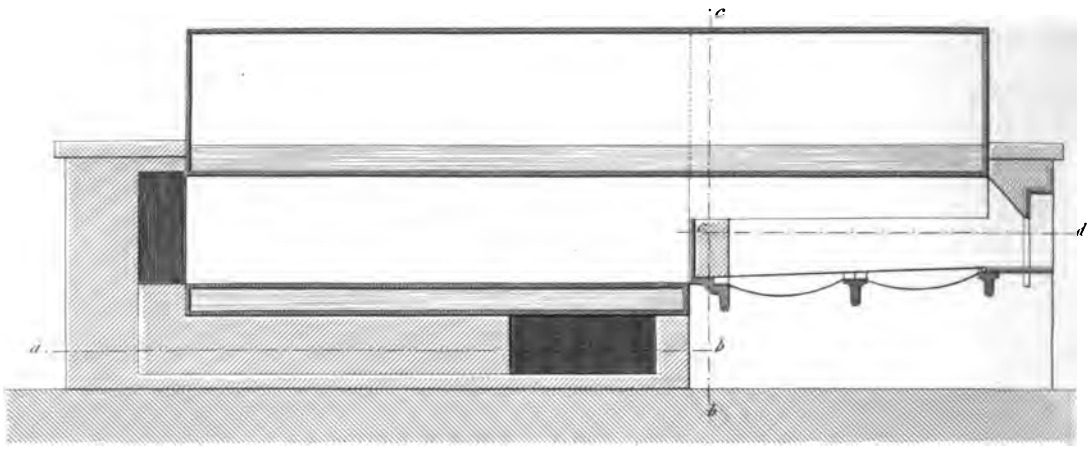

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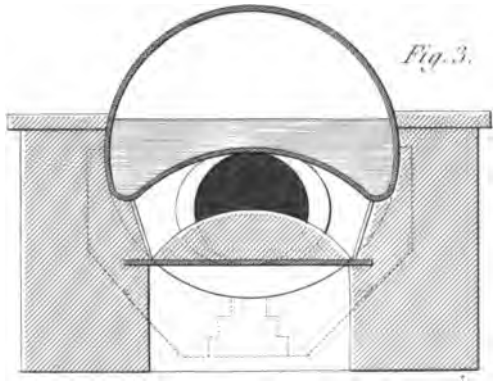

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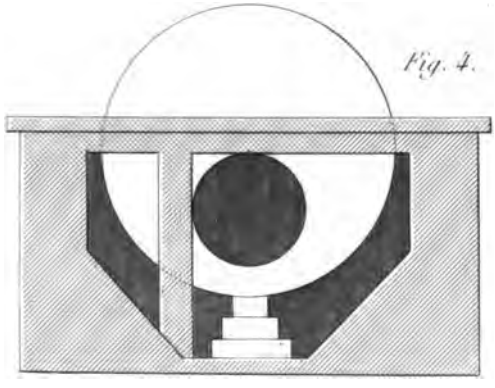

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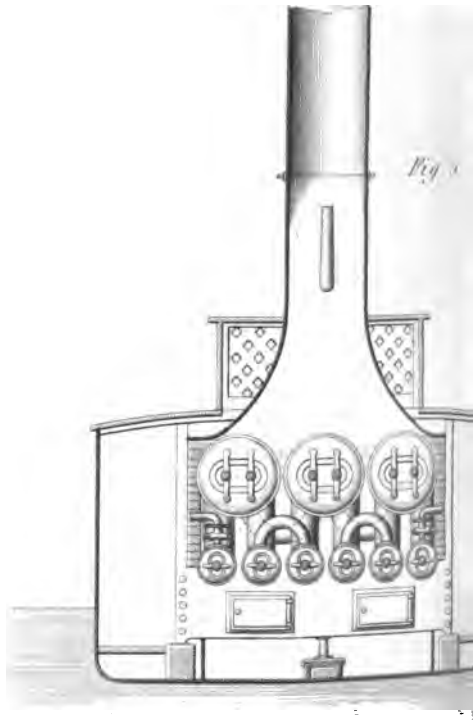

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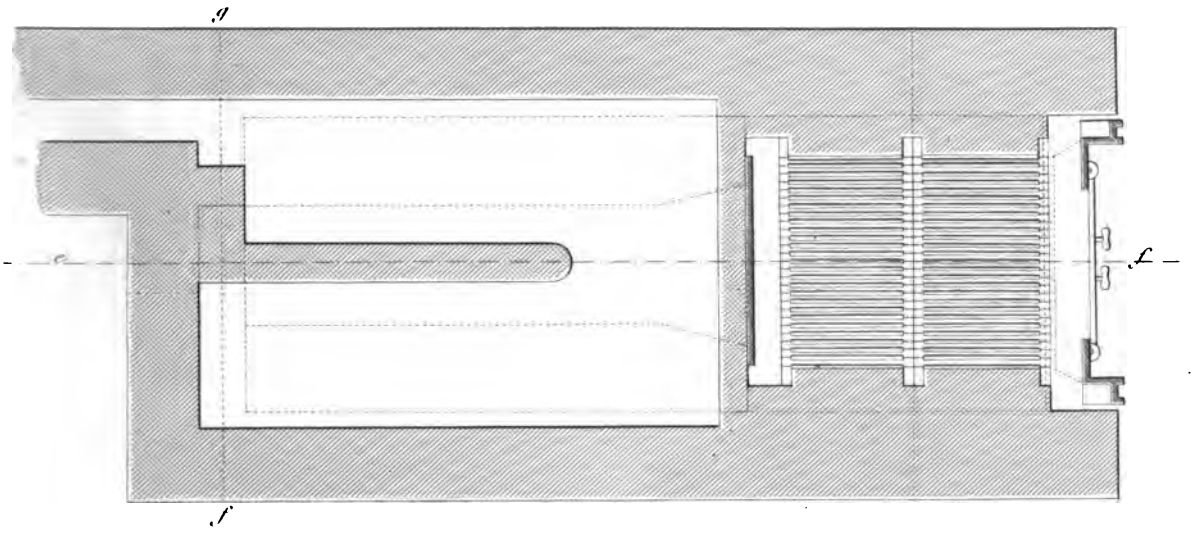
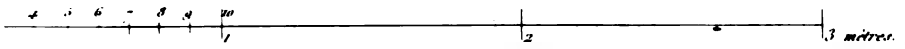


Echelle des Fig. 1. 2. 3 et 4.



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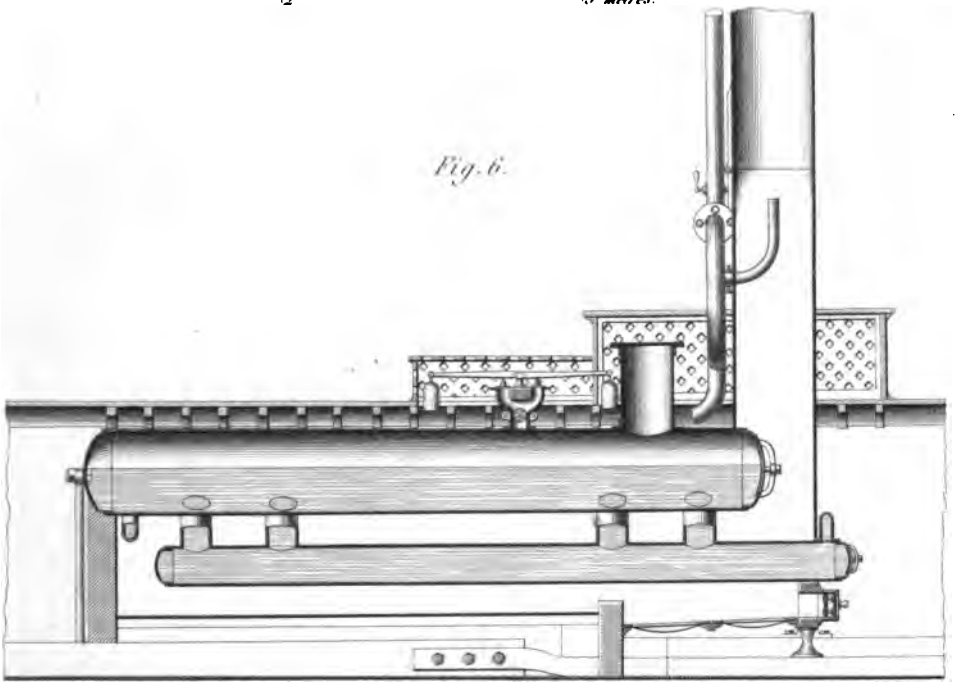


Echelle des Fig. 5 et 6.

Gravé par Duran.

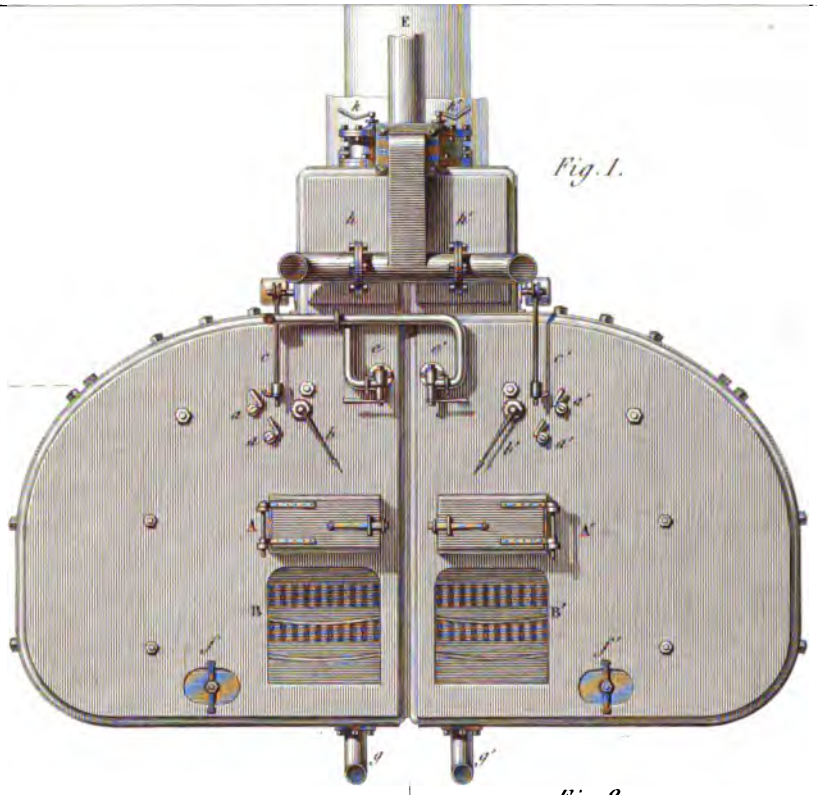
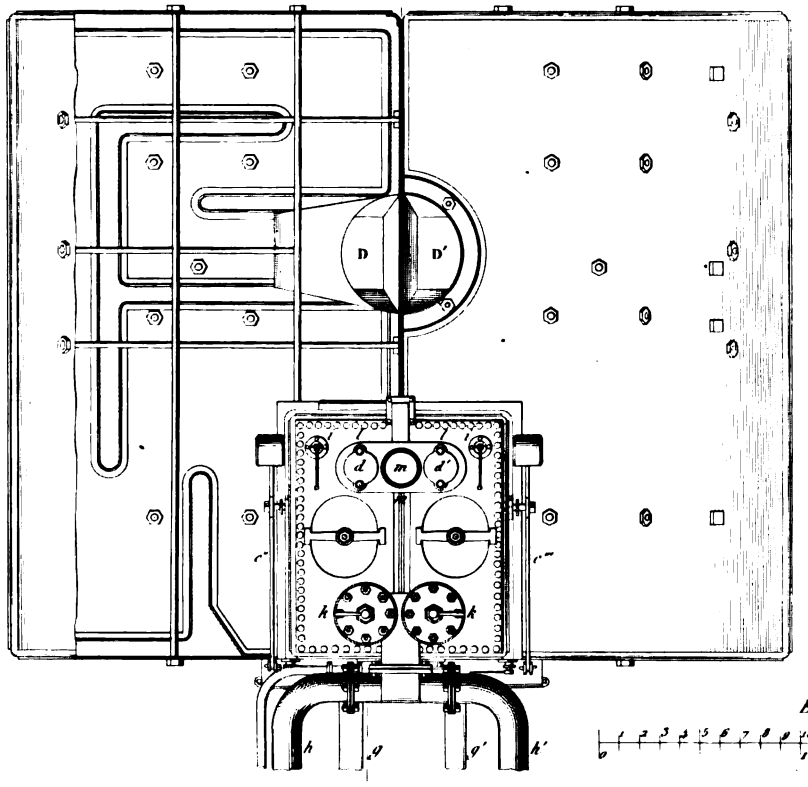
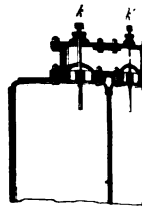


Fig. 1.

Fig. 2.





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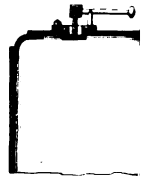
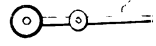


Fig 6



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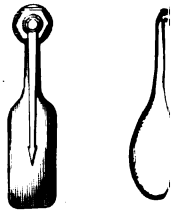
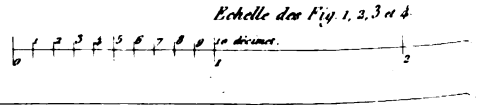


Echelle des Fig. 1, 2, 3 et 4.



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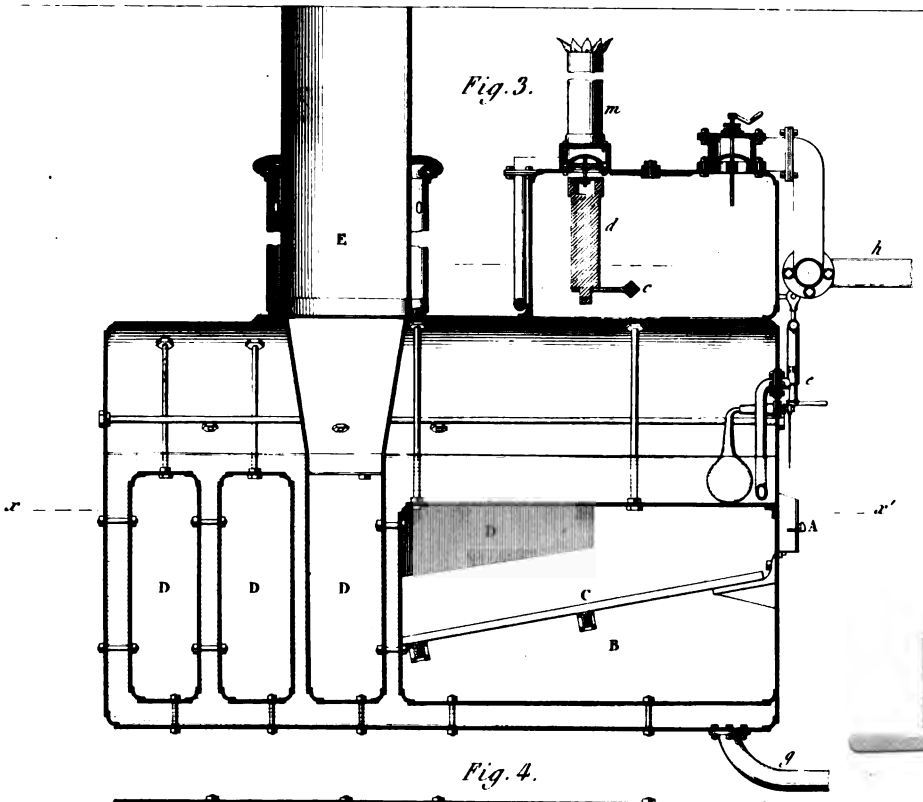

Fig. 7.

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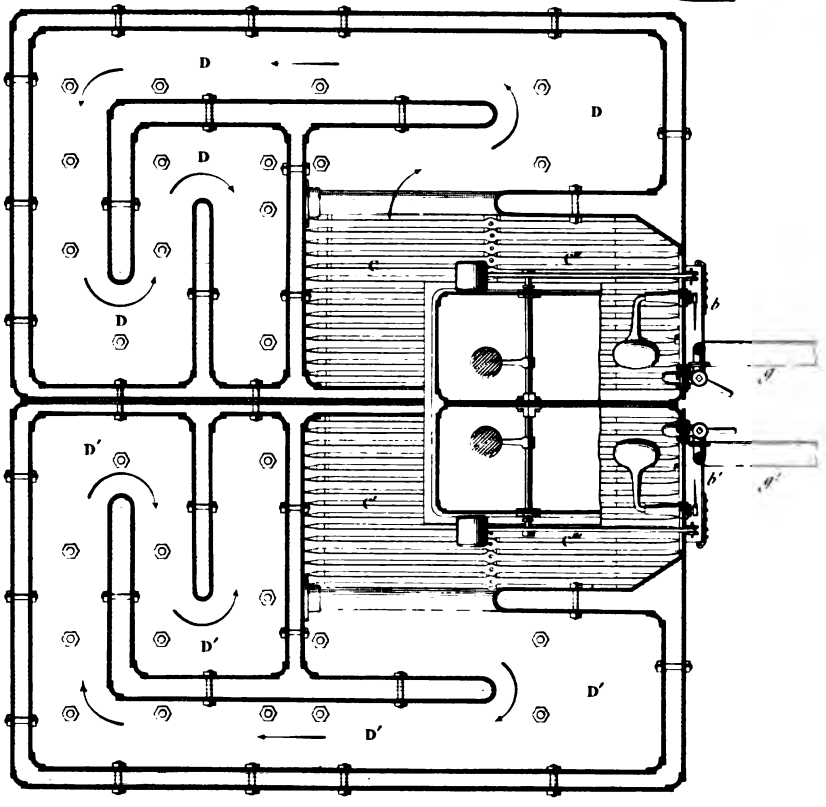

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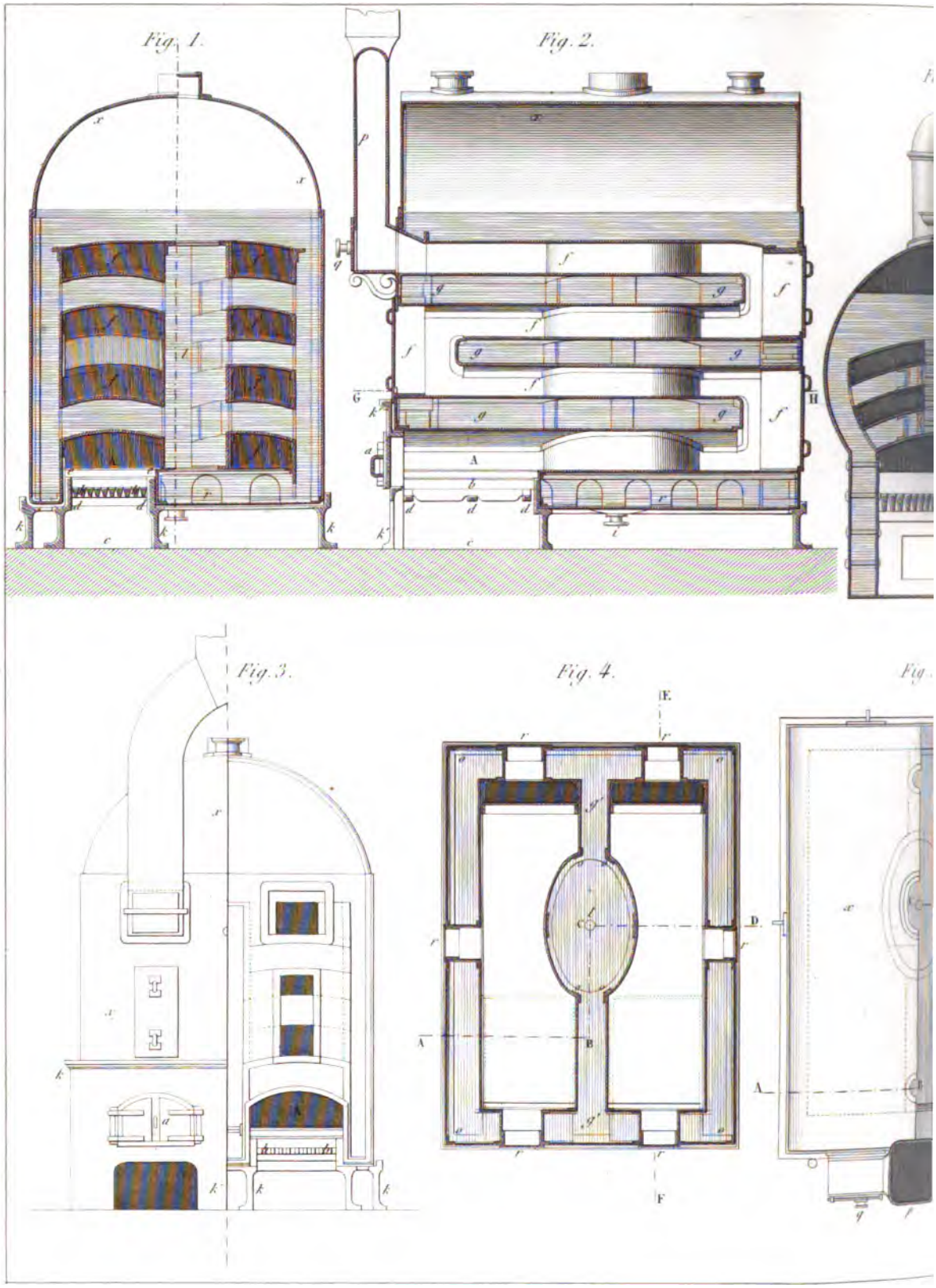
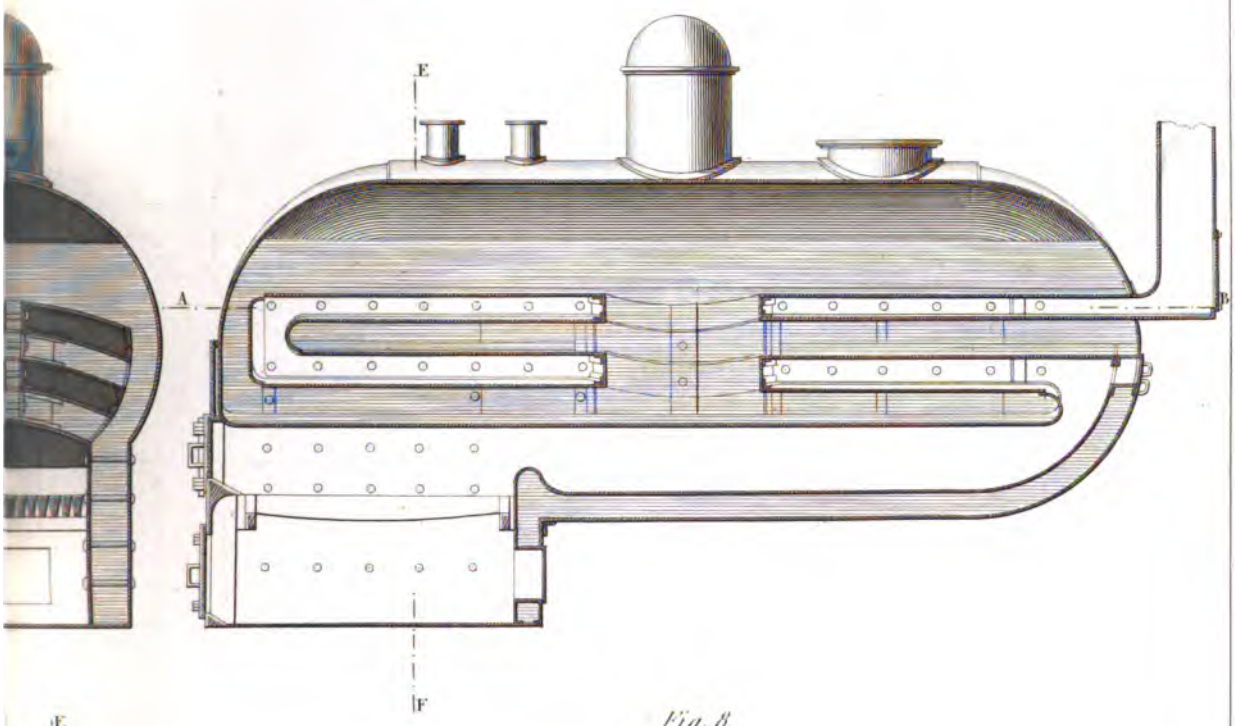


Librairie de L. Hachette

6.

Fig. 7.



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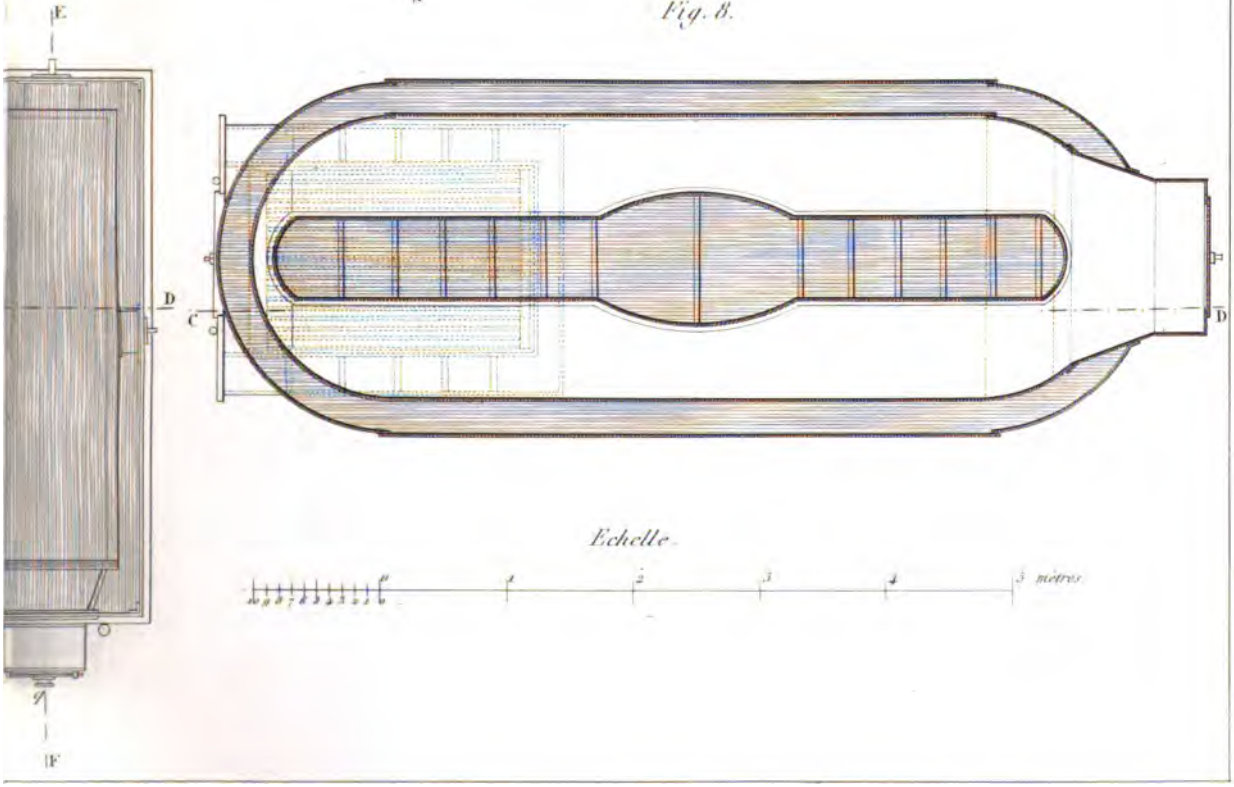
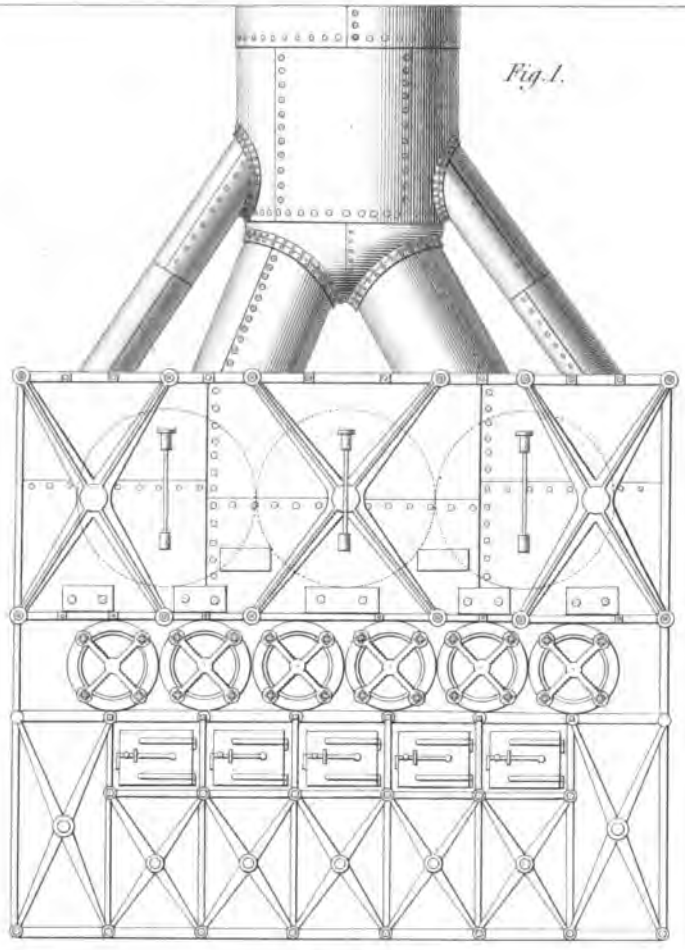


Echelle

Gravé par Puran



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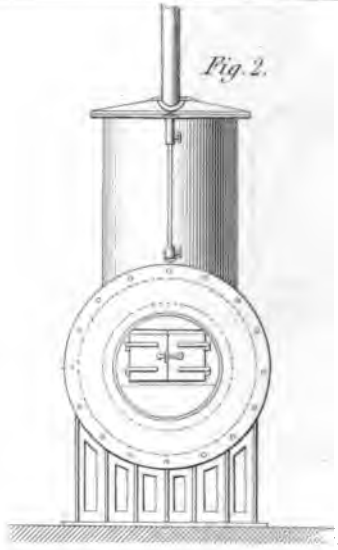

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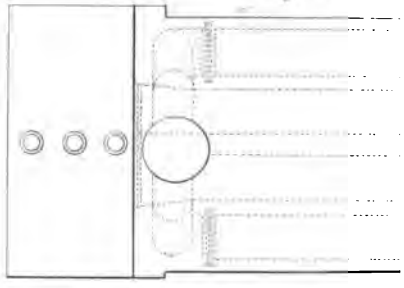

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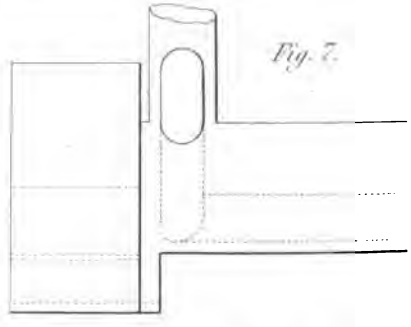

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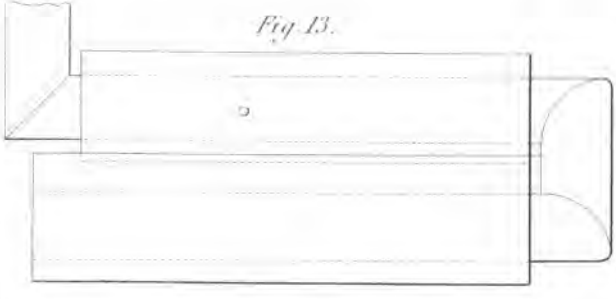

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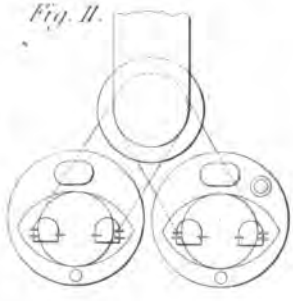

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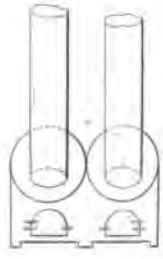

Fig. 14.

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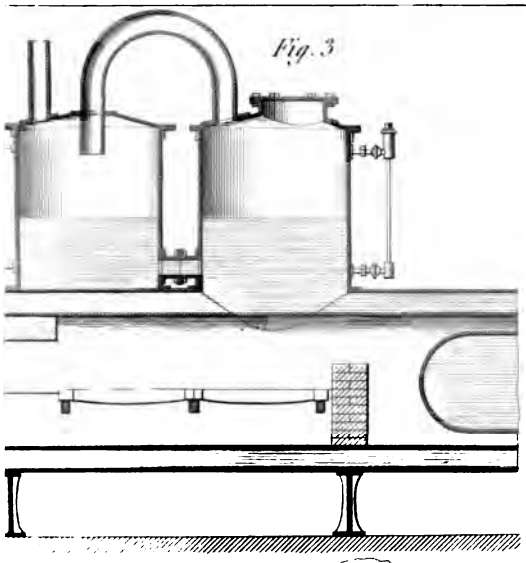

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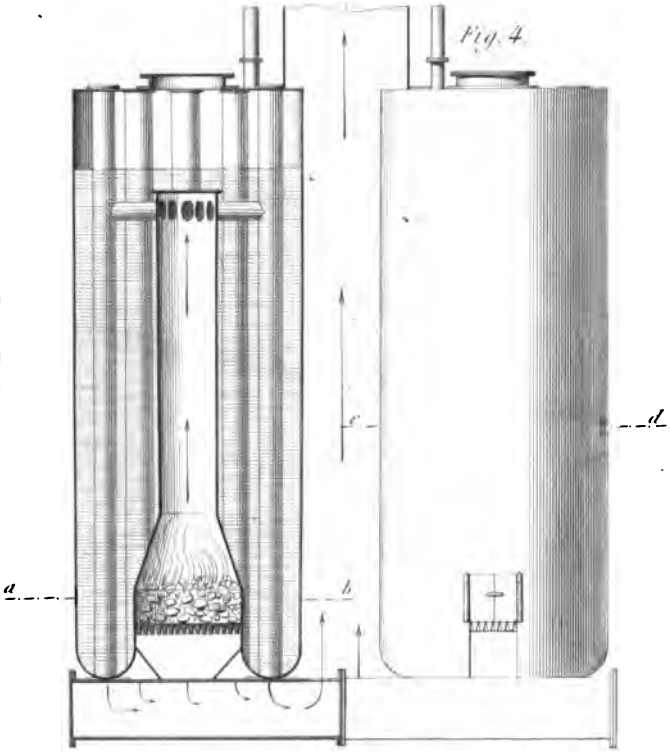

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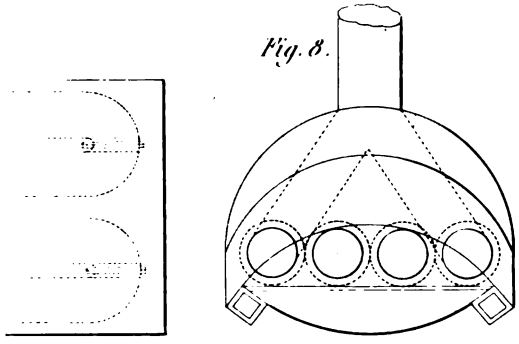

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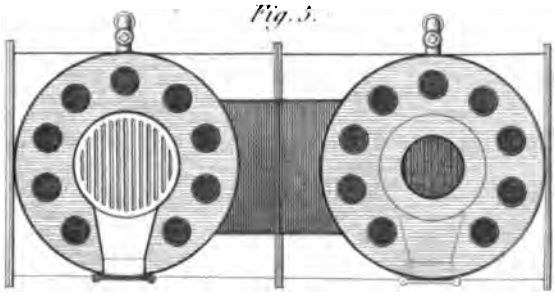

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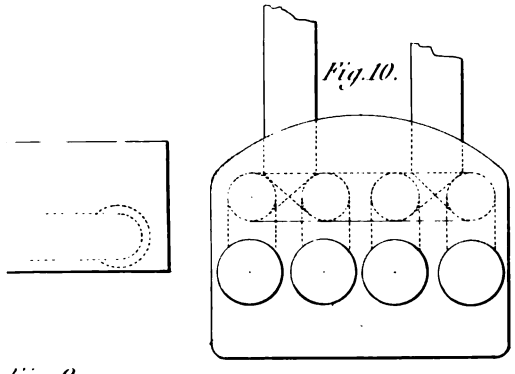
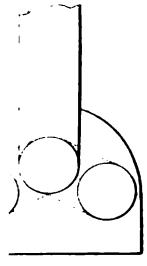


Echelle des Fig. 4 et 5.

Fig. 9.



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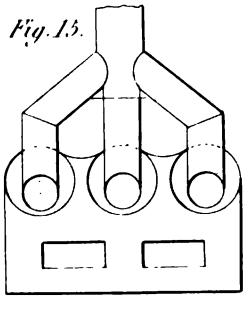

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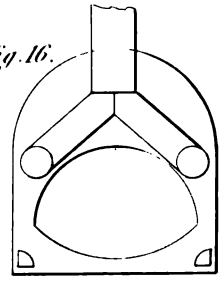

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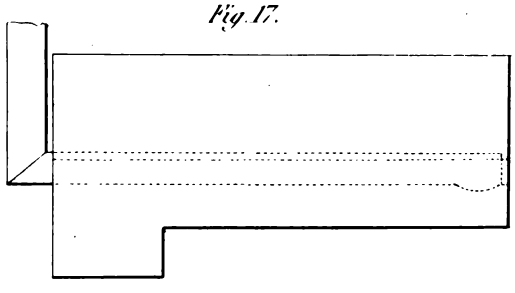

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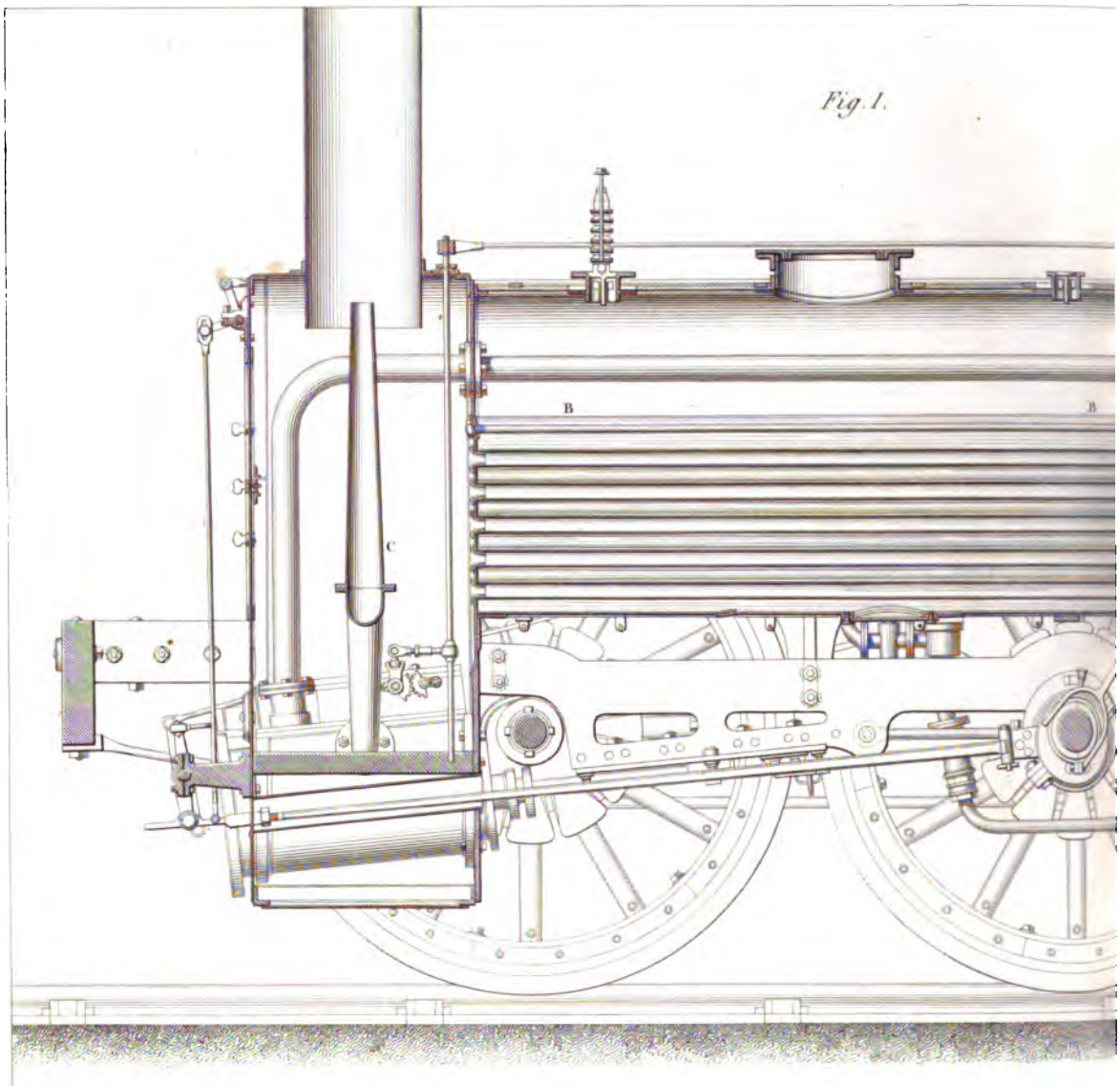

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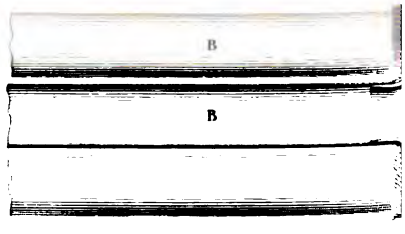

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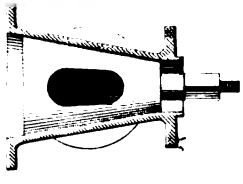

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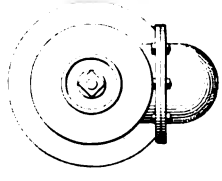
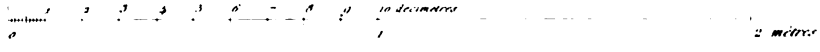
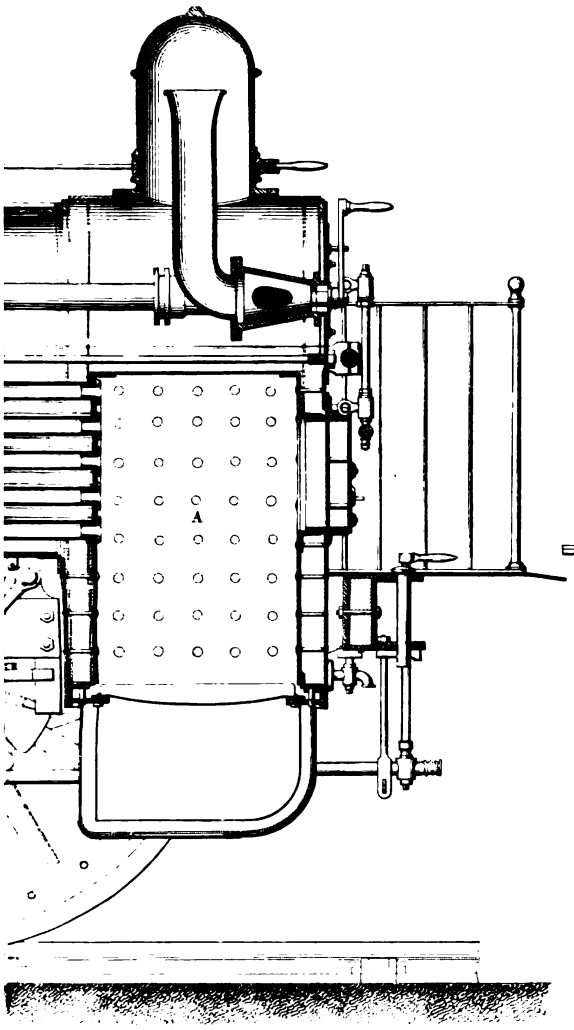


Échelle des Fig. 1. 2 et 3



Librairie de L. Hachette.



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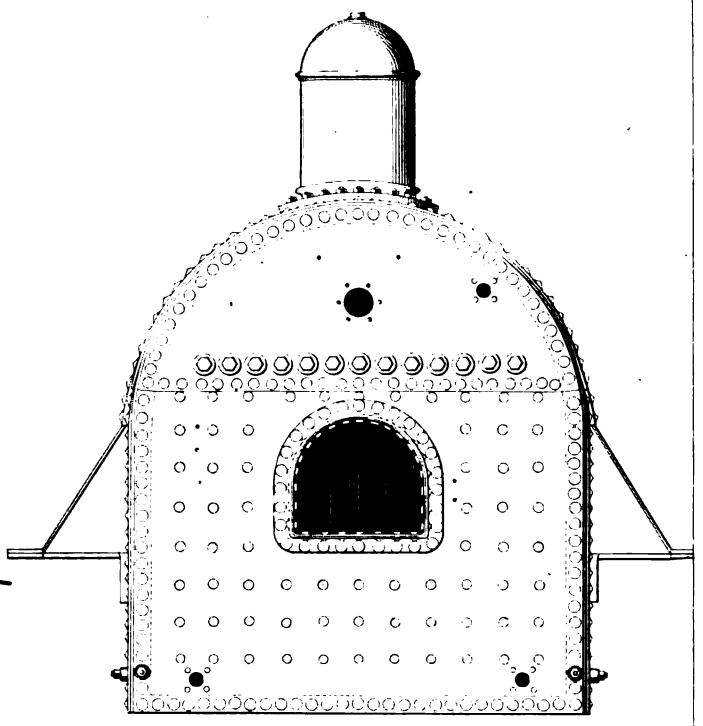

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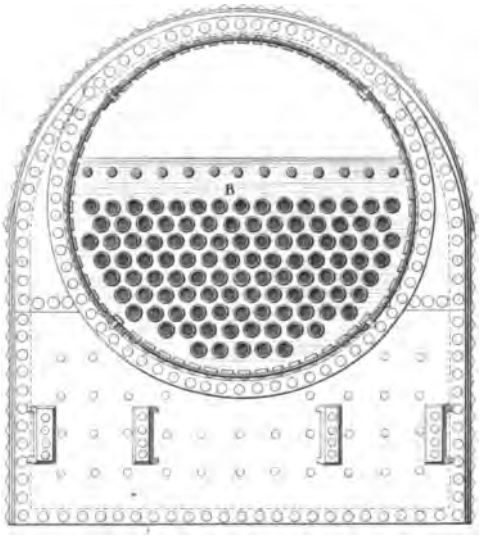
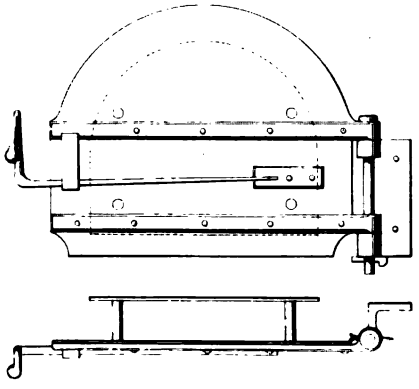


Fig. 5.



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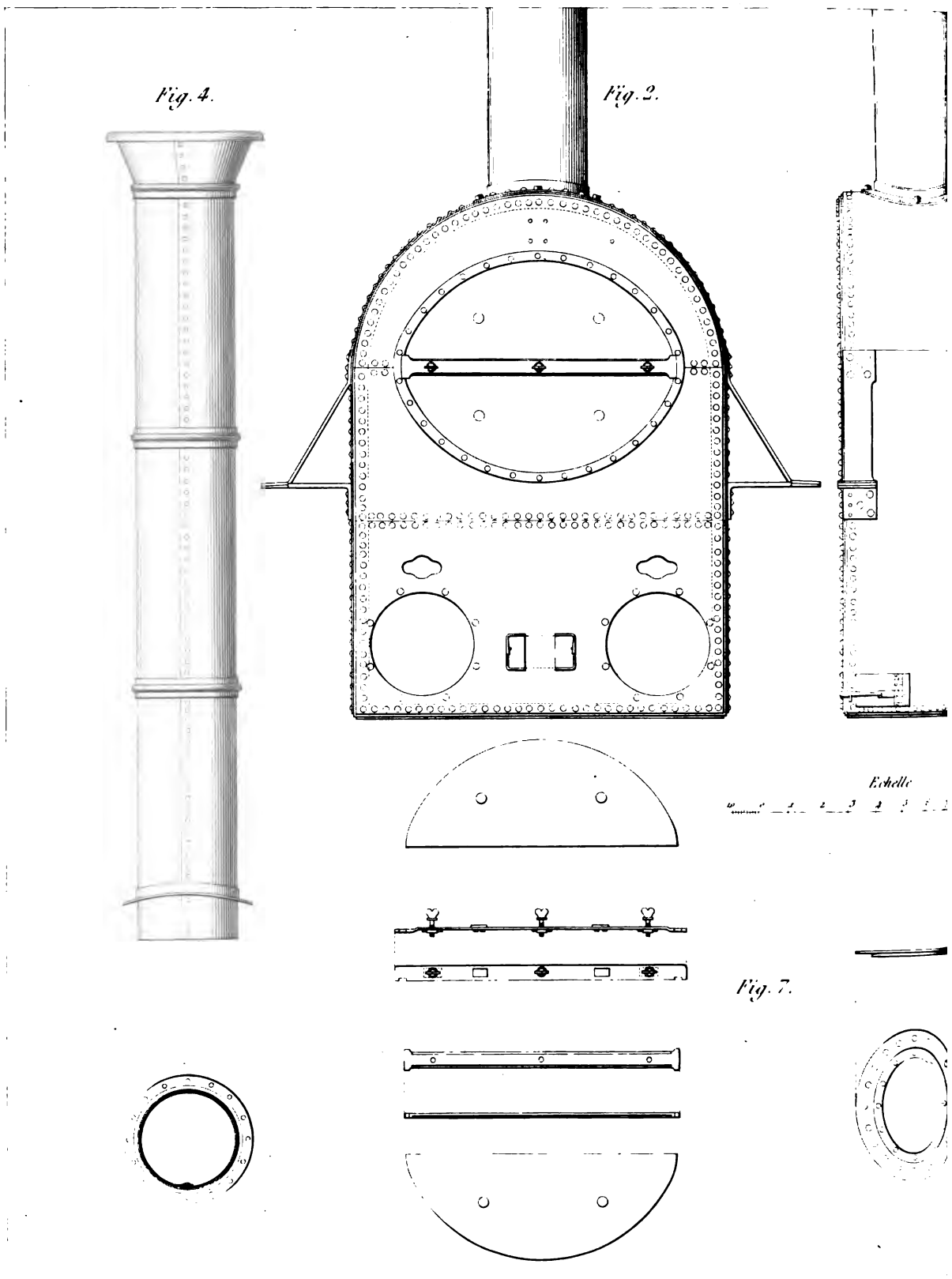

Librairie de L. Hachette

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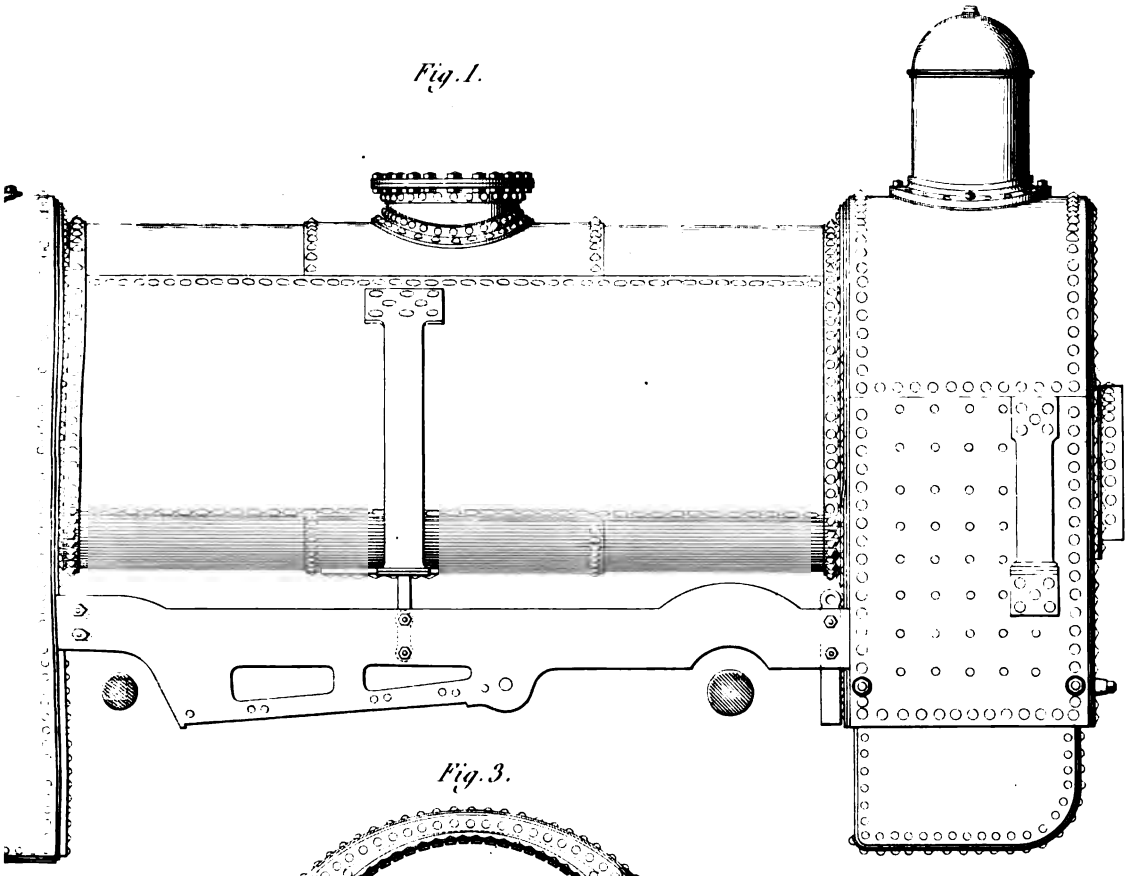


Fig. 3.

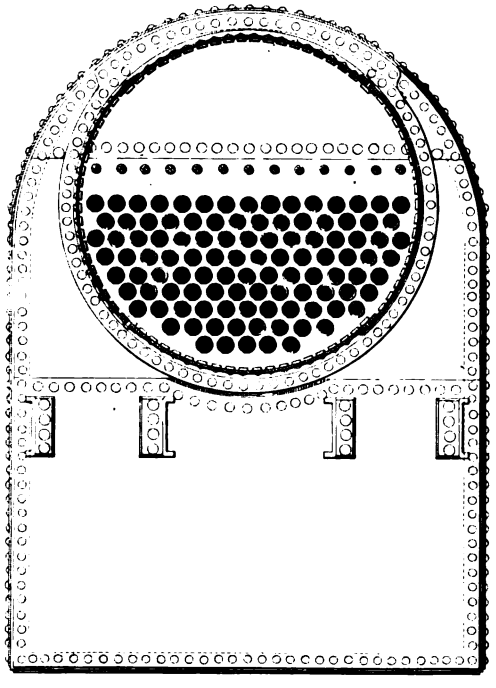
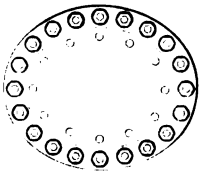


Fig. 5.

Fig. 6.



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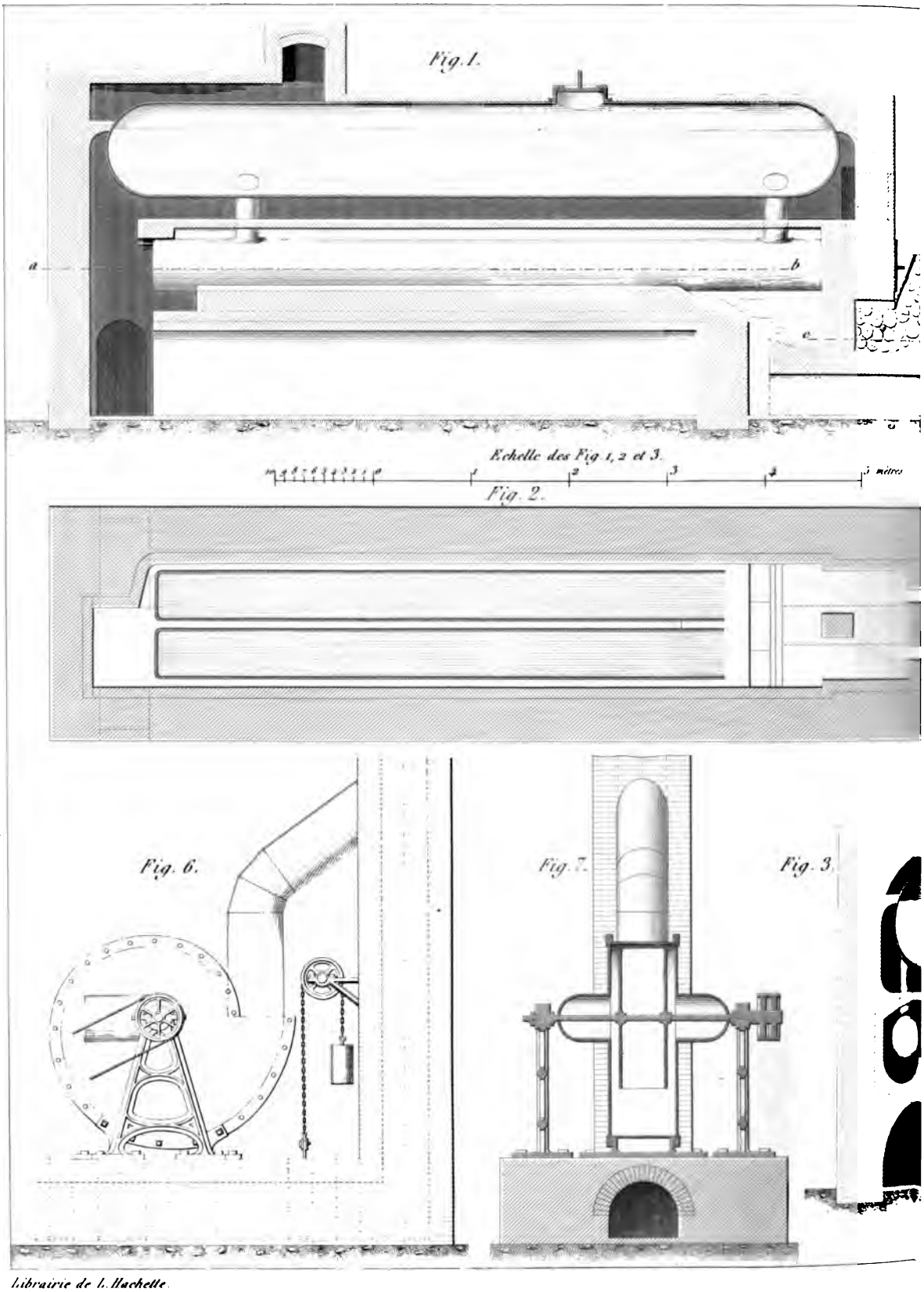
Fig. 1.
a
b
c
Echelle des Fig. 1, 2 et 3.
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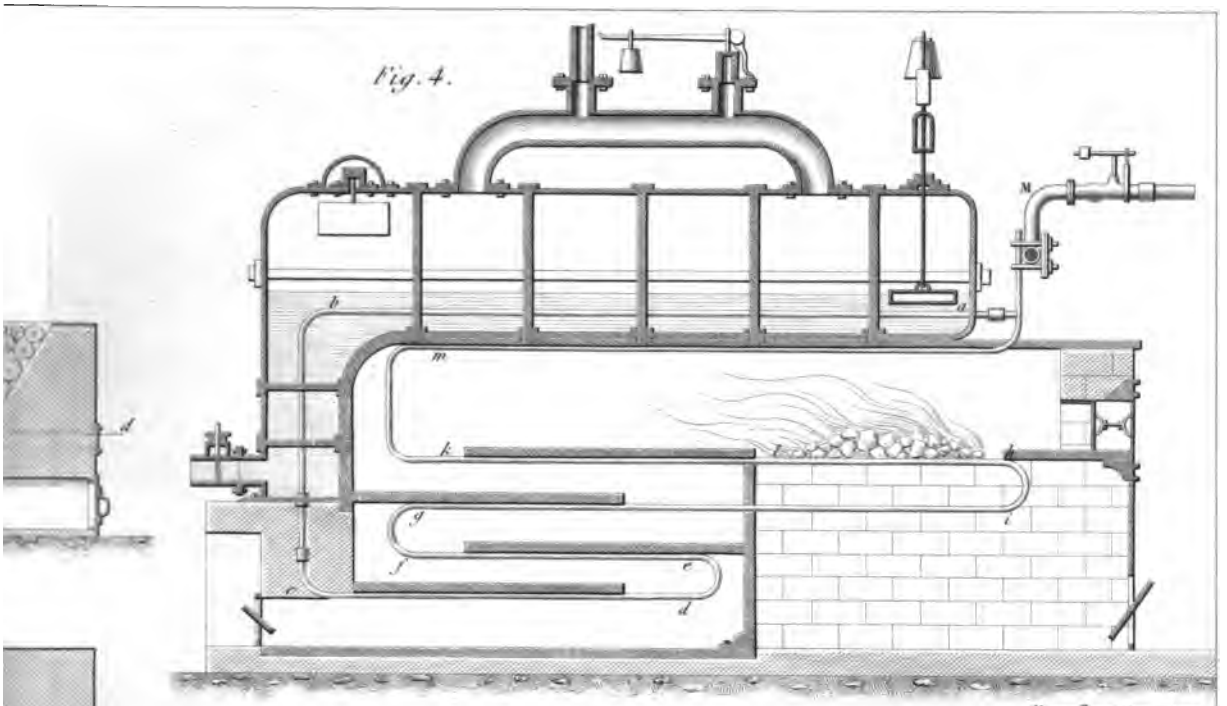
1
2
3
4
5 mètres
Fig. 2.
Fig. 6.
Fig. 7.
Fig. 3.

Fig. 4.



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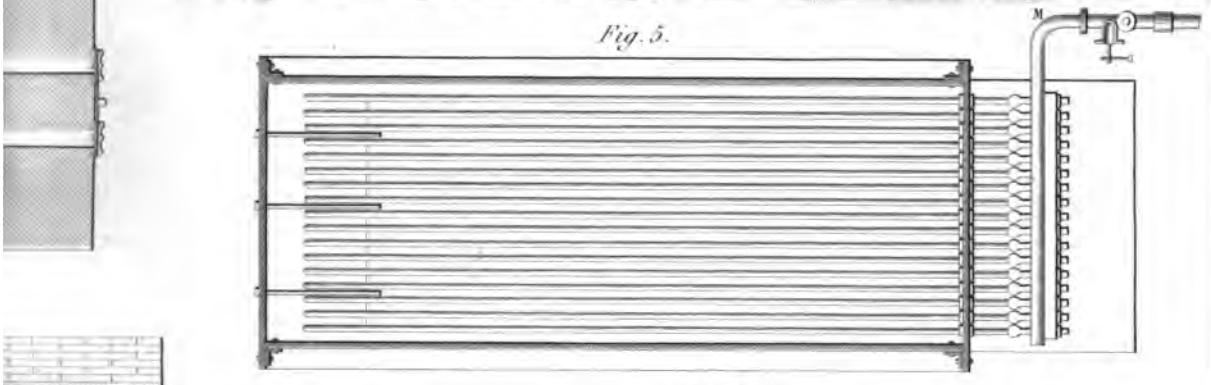

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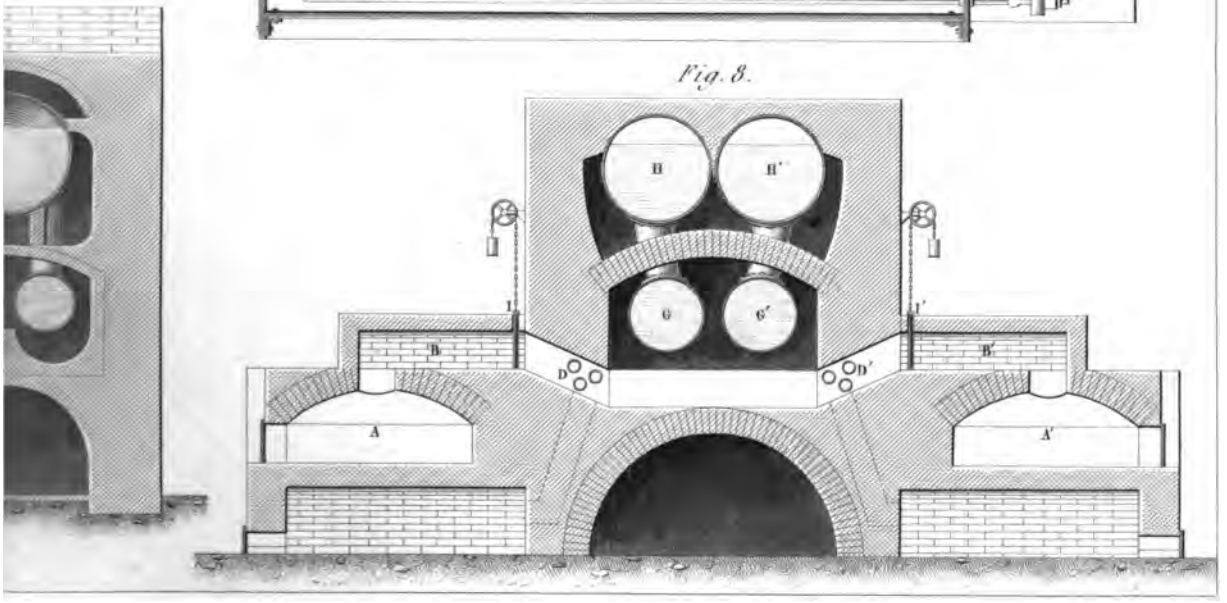

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Fig. 3.

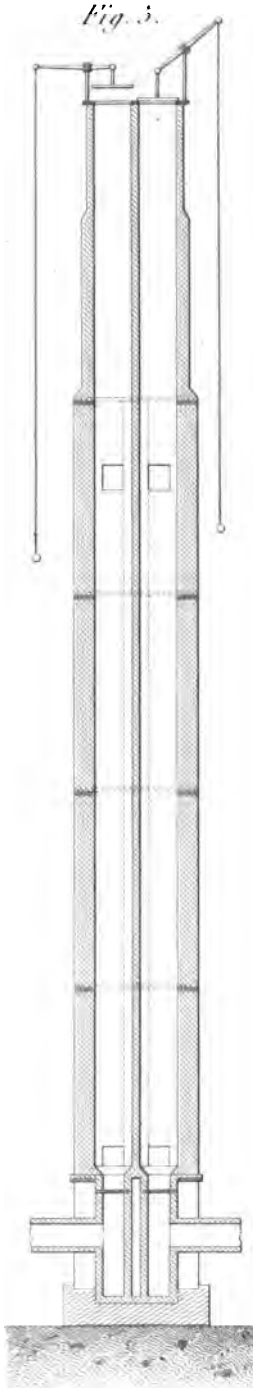


Fig. 4.

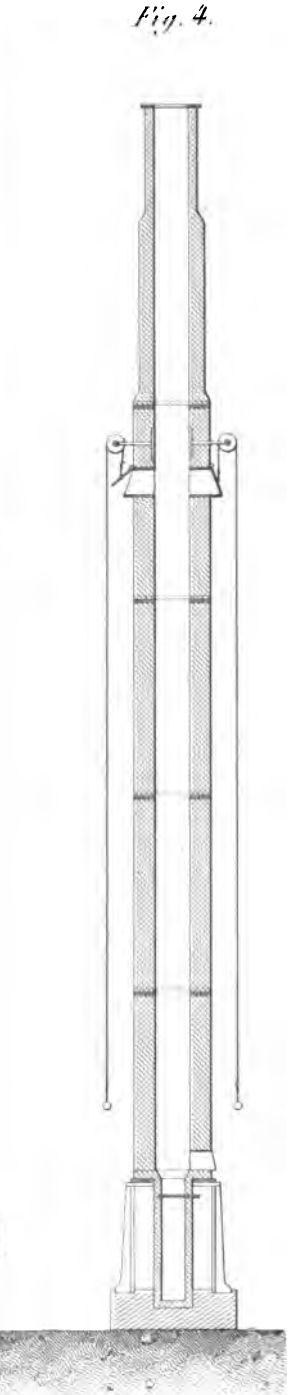
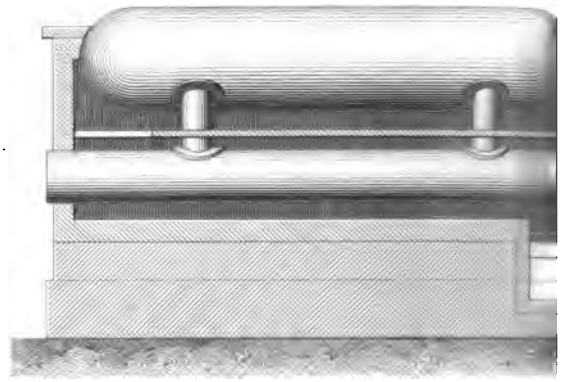


Fig. 1.



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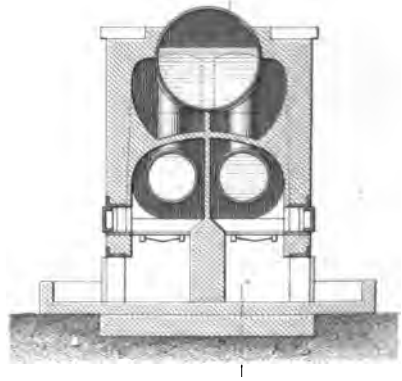

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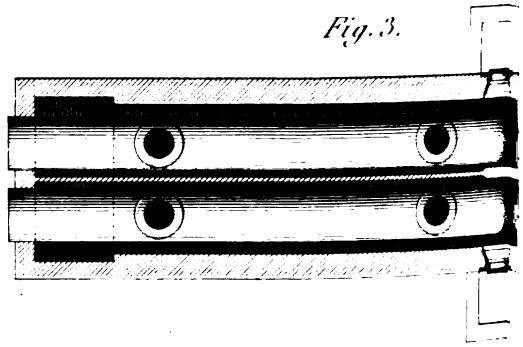
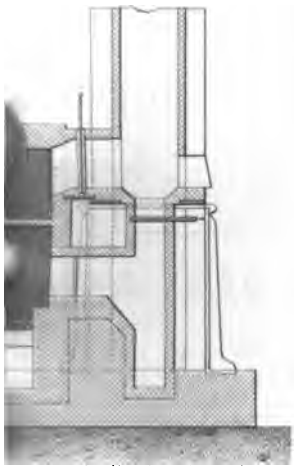


Librairie de L. Hachette.



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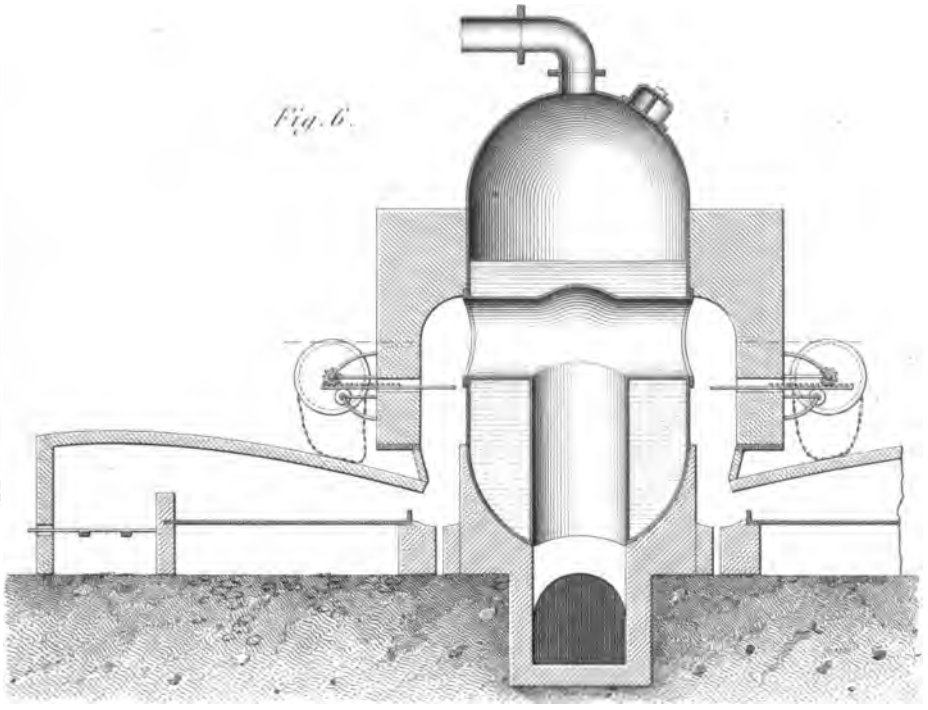

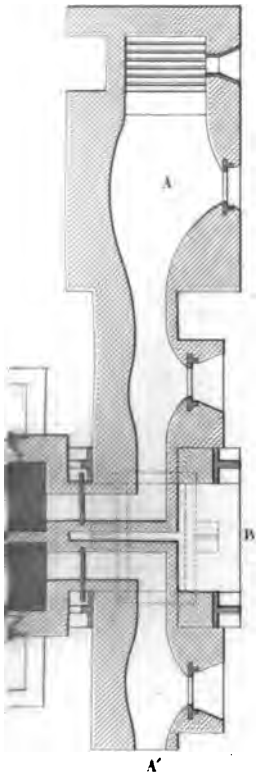

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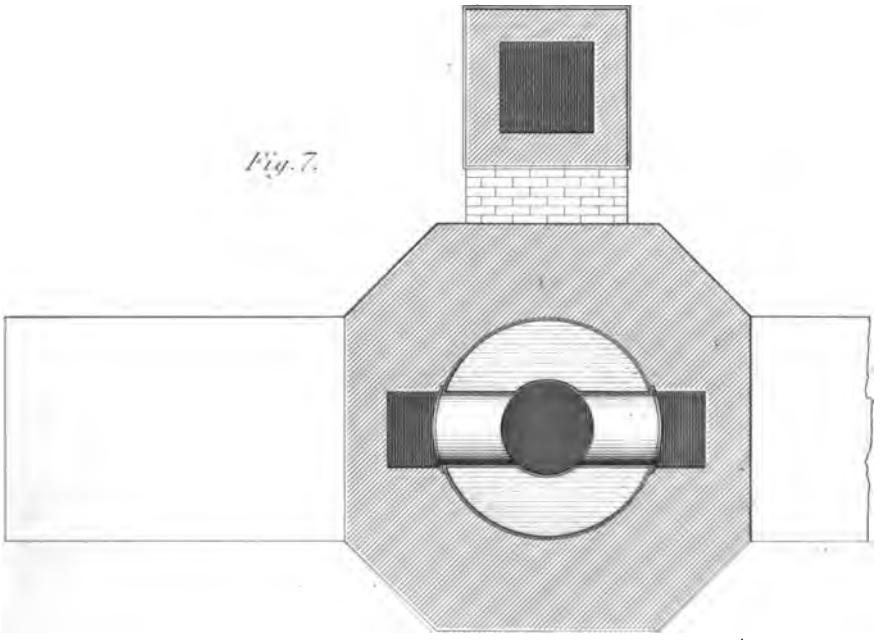
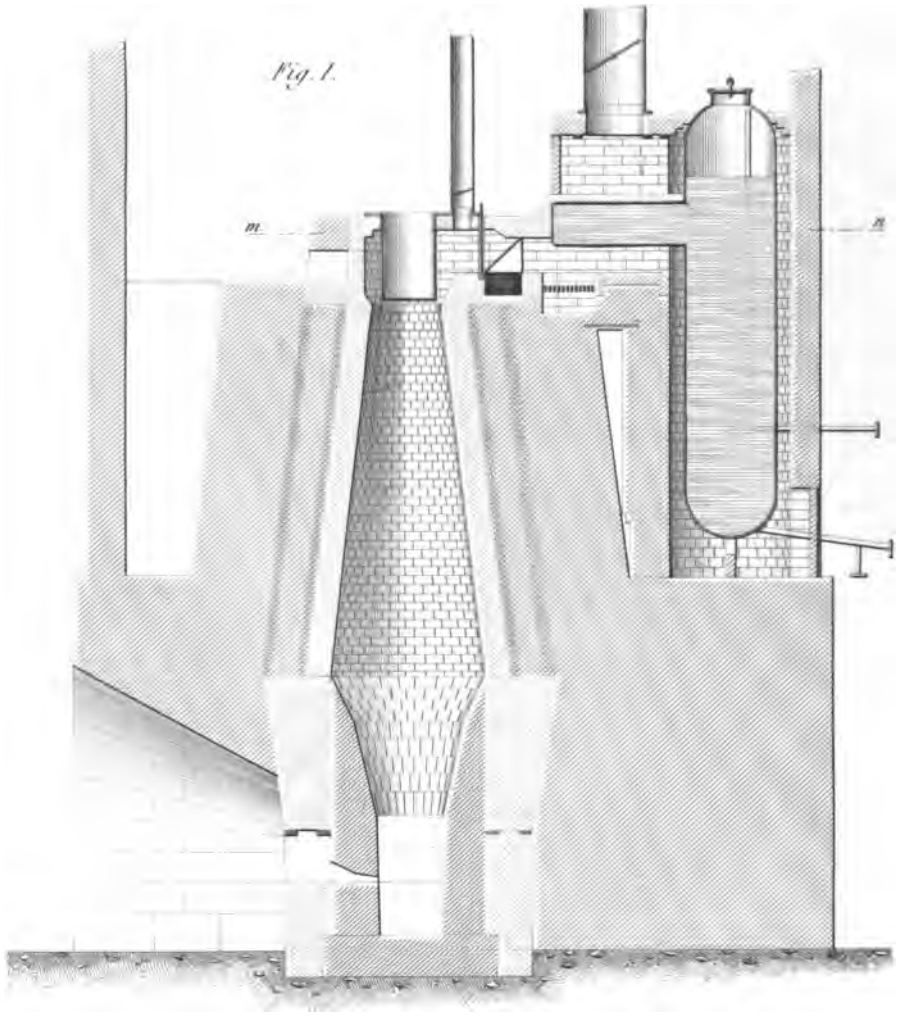
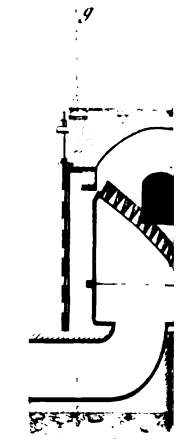


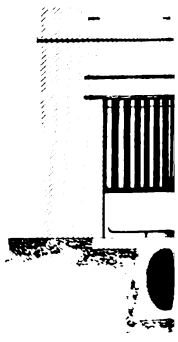
Echelle des Fig. 1. 2. 3. 4 et 5.

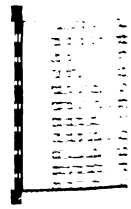
0 1 2 3 4 5 6 7 8 9 10 mètres.

Gravé par F. Normier.









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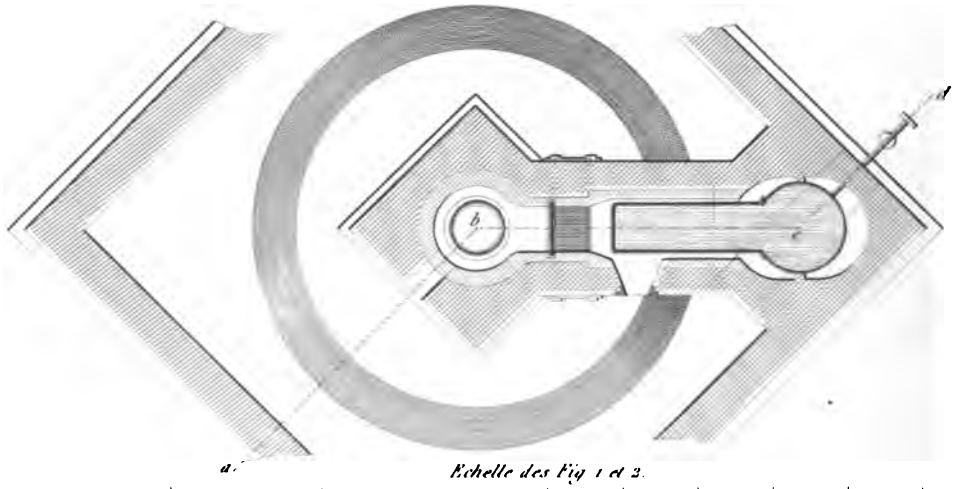

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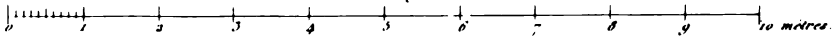

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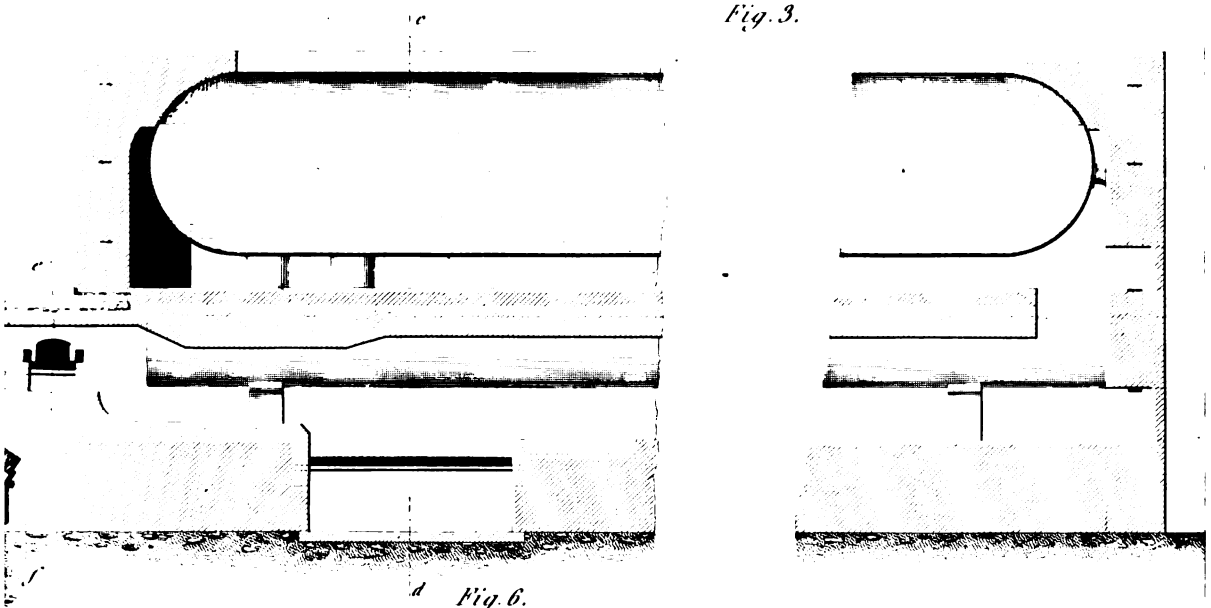

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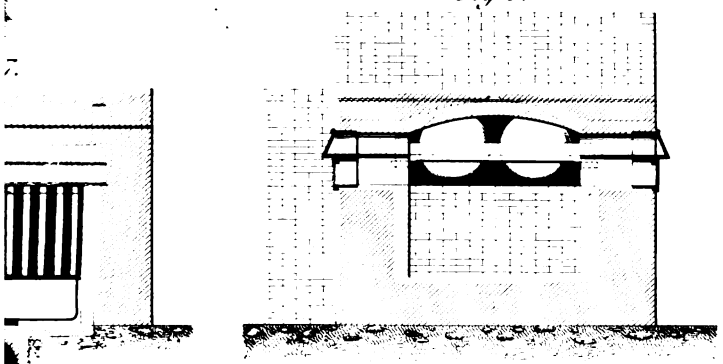
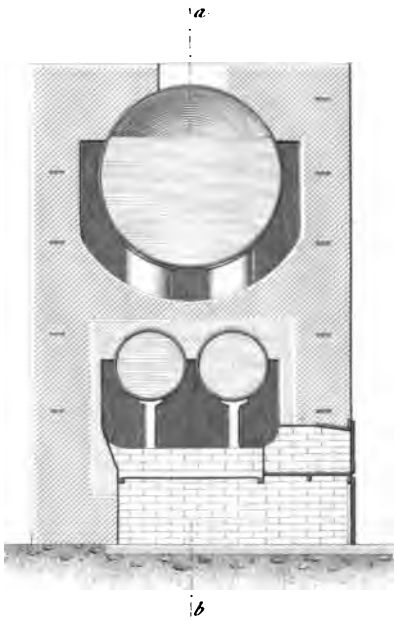


Fig. 4.



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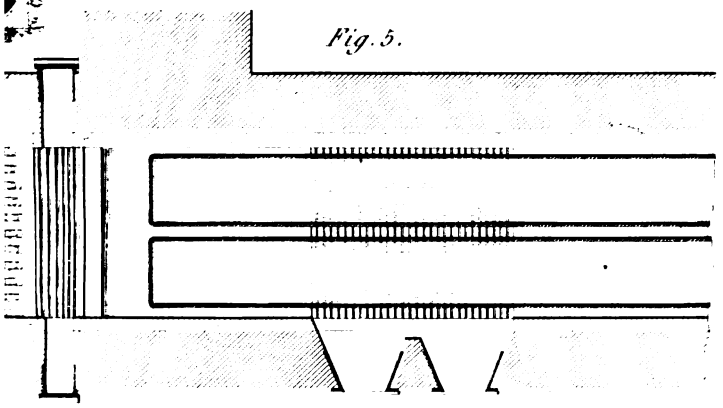
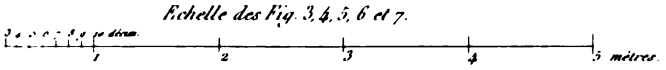


Echelle des Fig. 3, 4, 5, 6 et 7.



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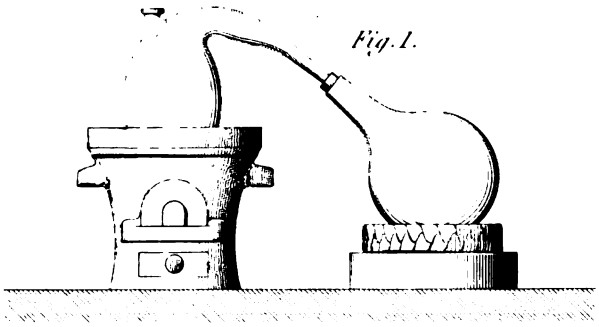
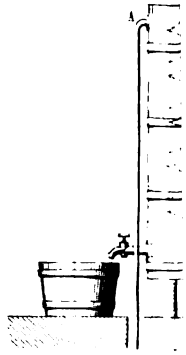


Fig. 1.

Fig. 2.



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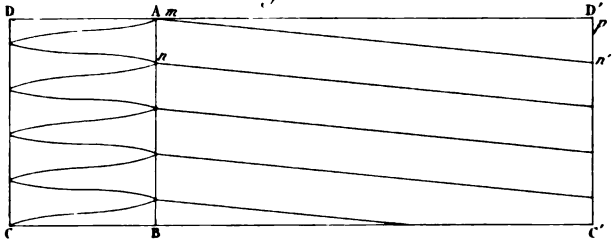

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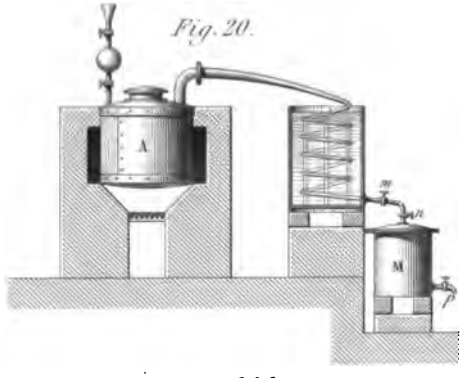

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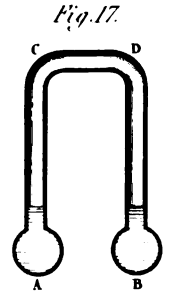

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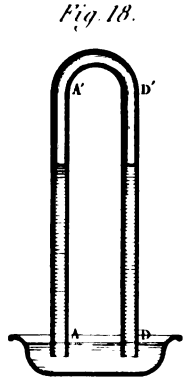

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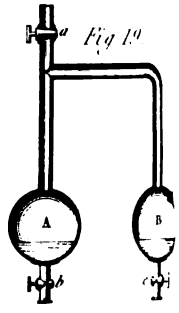

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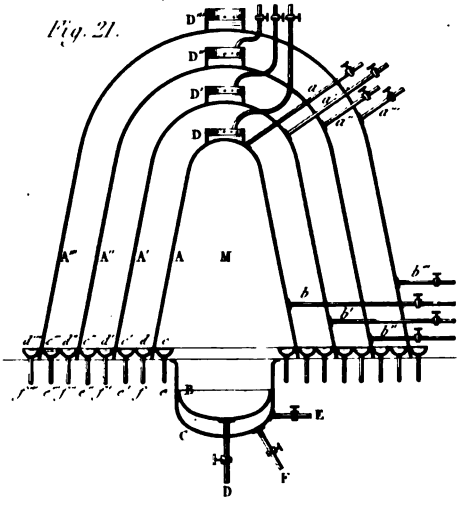

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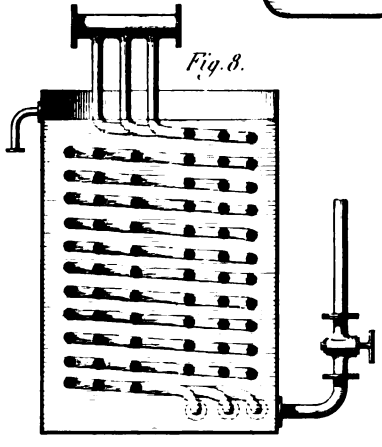
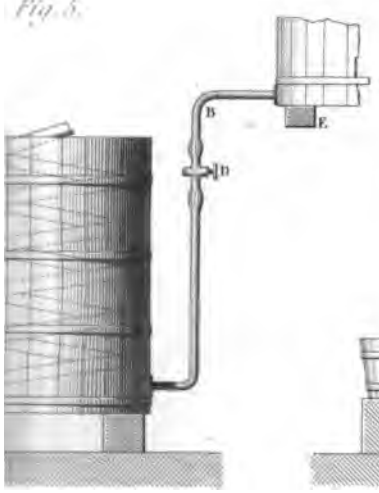


Fig. 8.

Fig. 9.

Fig. 5.



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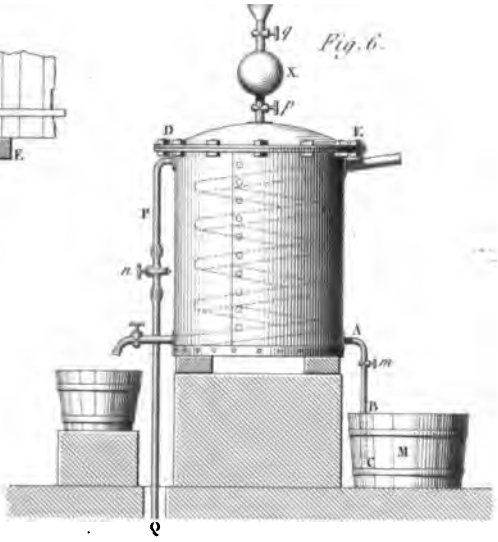

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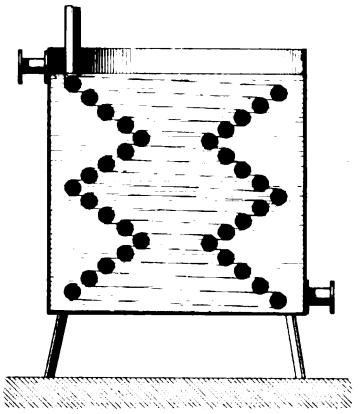

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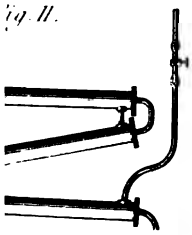

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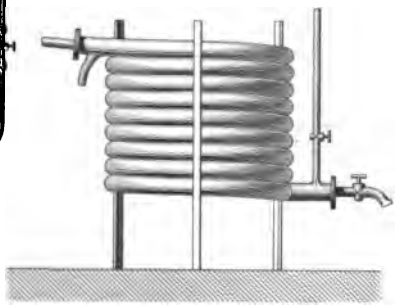

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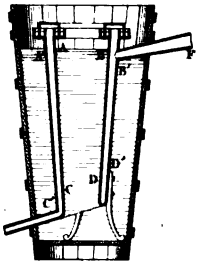

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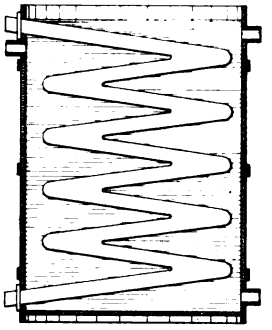

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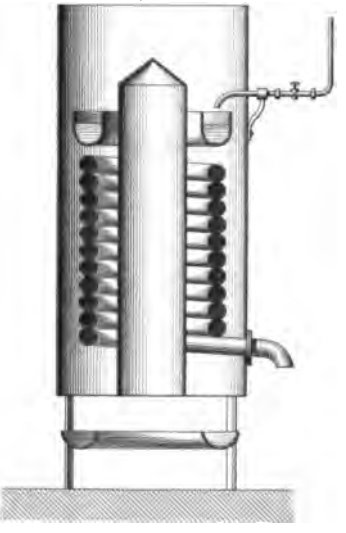

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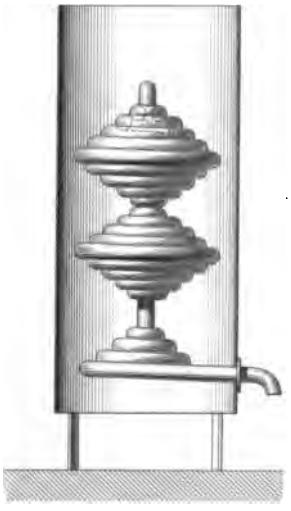

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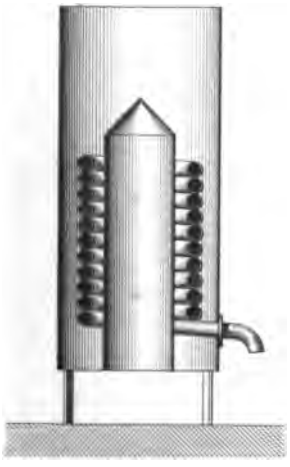
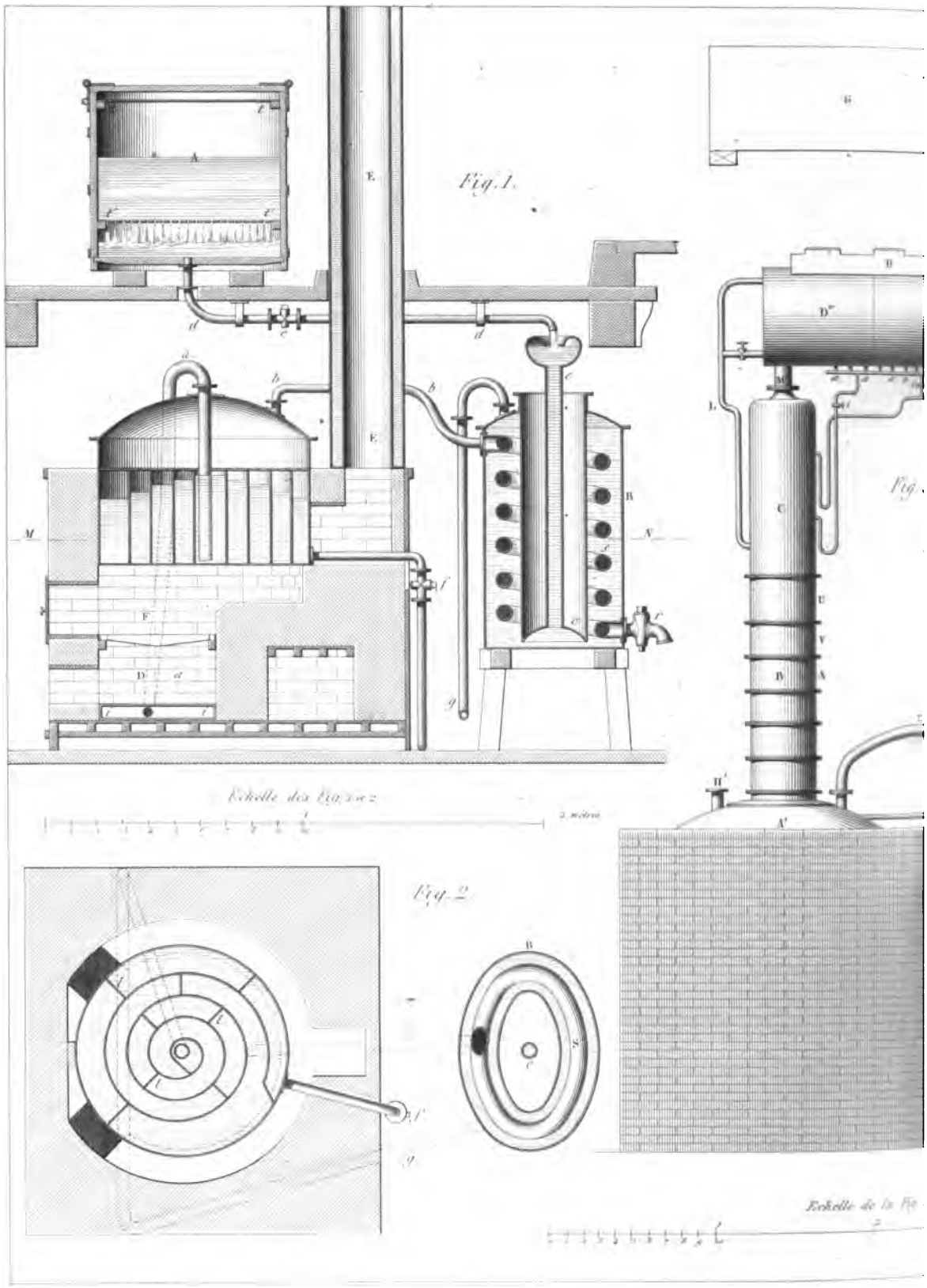
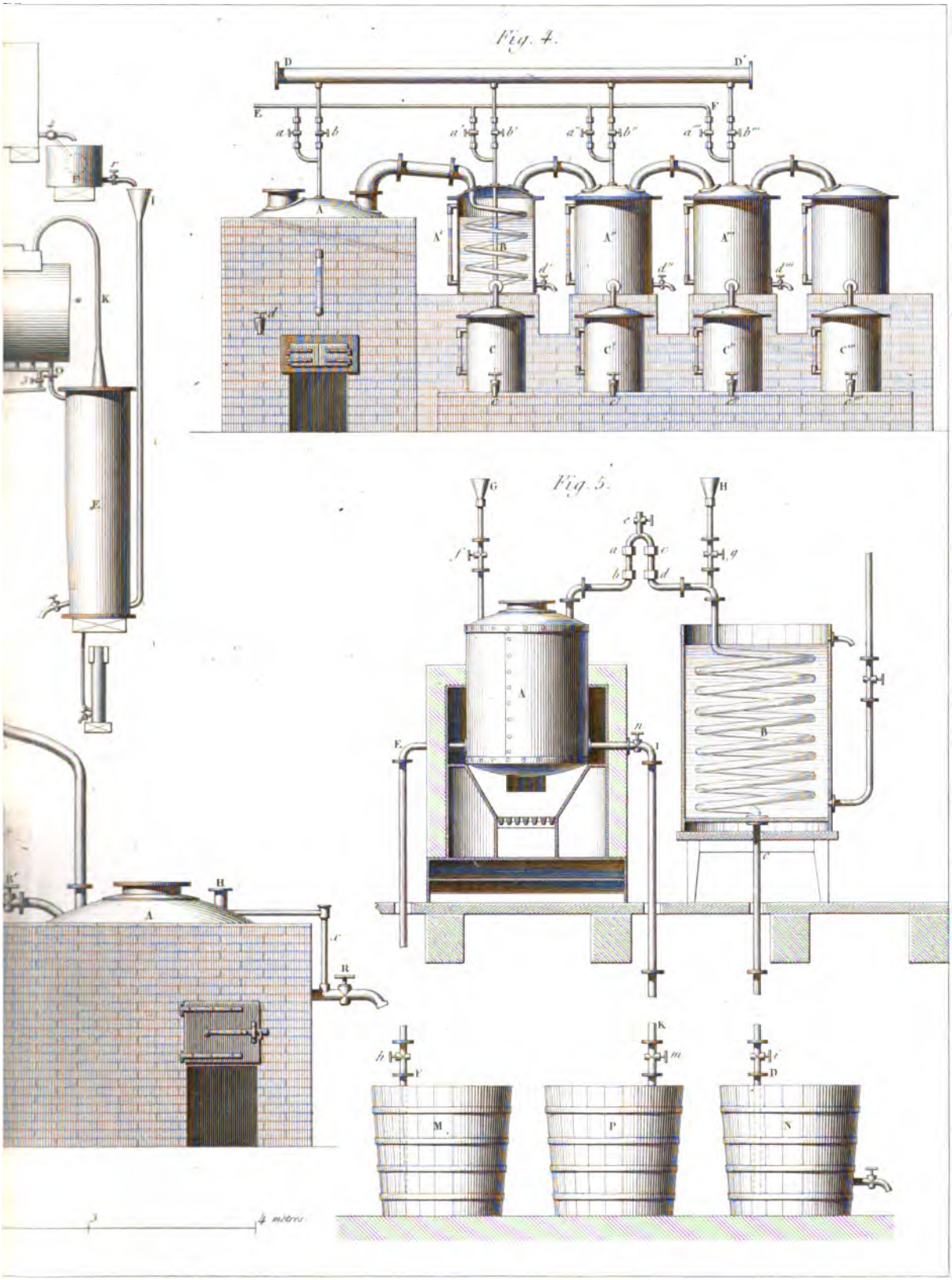


Gravé par E. Wormser.



Librairie de L. Hachette.



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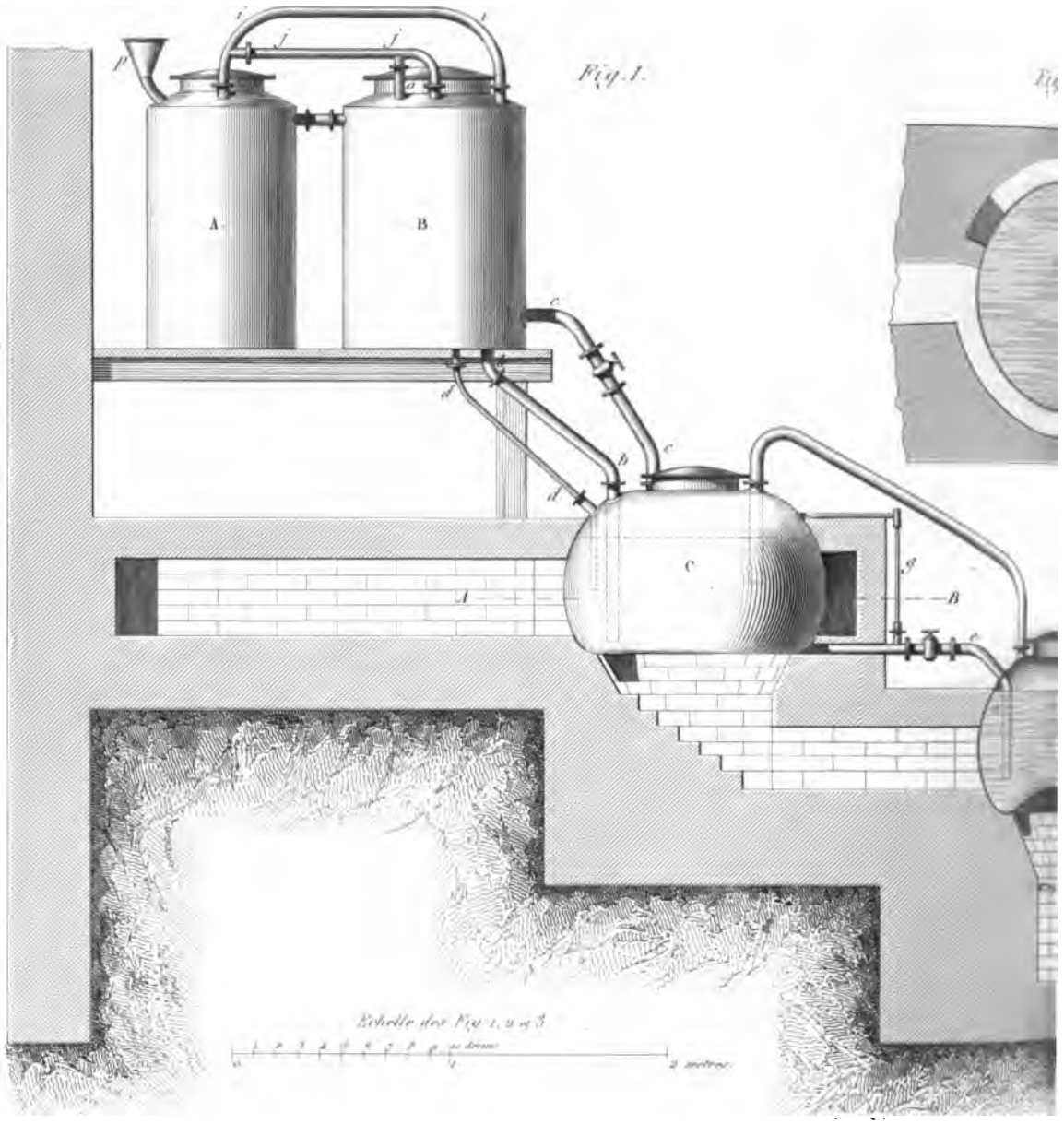


Fig. 1.
A
B
C
Échelle des Fig. 1, 2 et 3.
2 mètres.

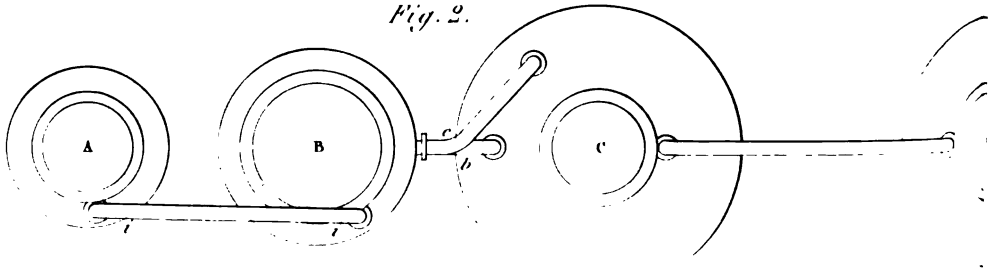
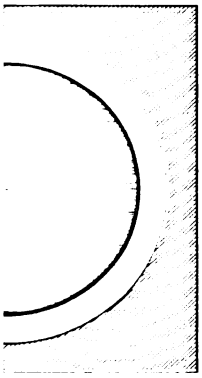
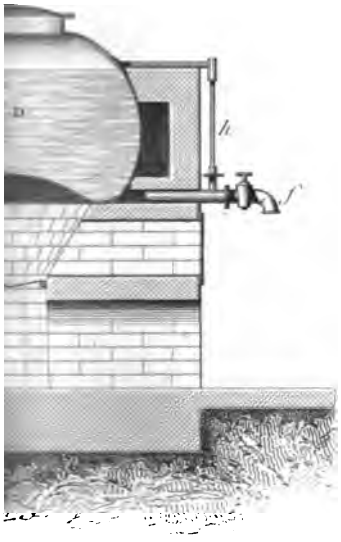


Fig. 2.
A
B
C

.3.





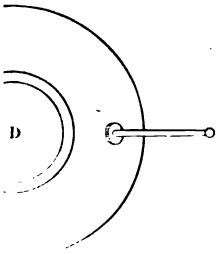
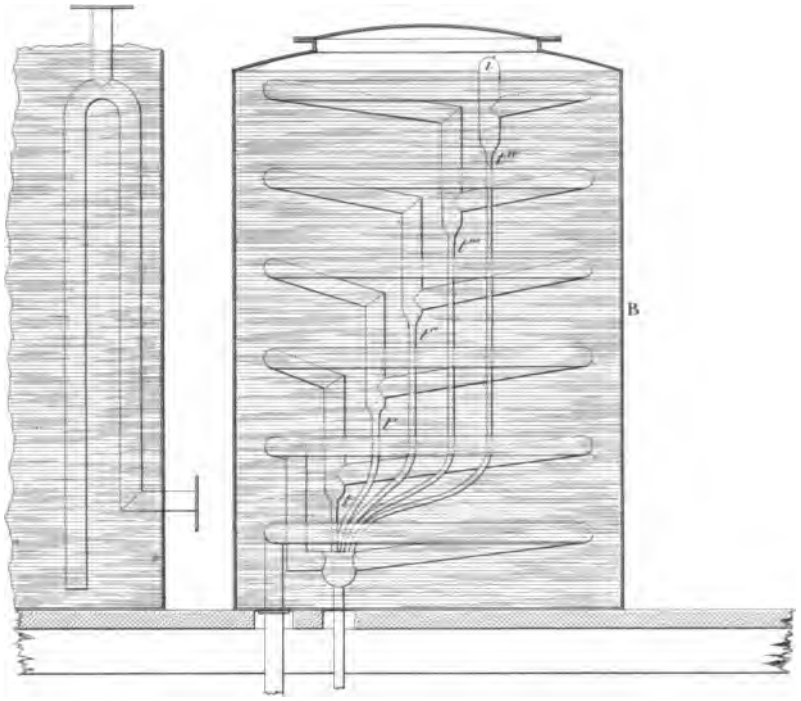


Fig. 4.

Fig. 5.



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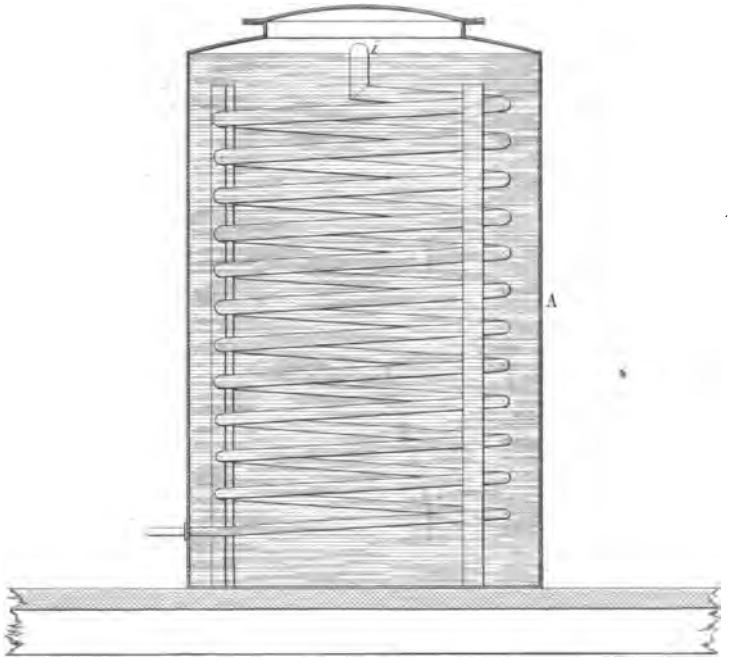

Echelle des Fig. 4, 5 et 6.

0 1/2 1 2 3 4 5 6 7 8 9 *1 mètre en deca*

Gravé par Renou

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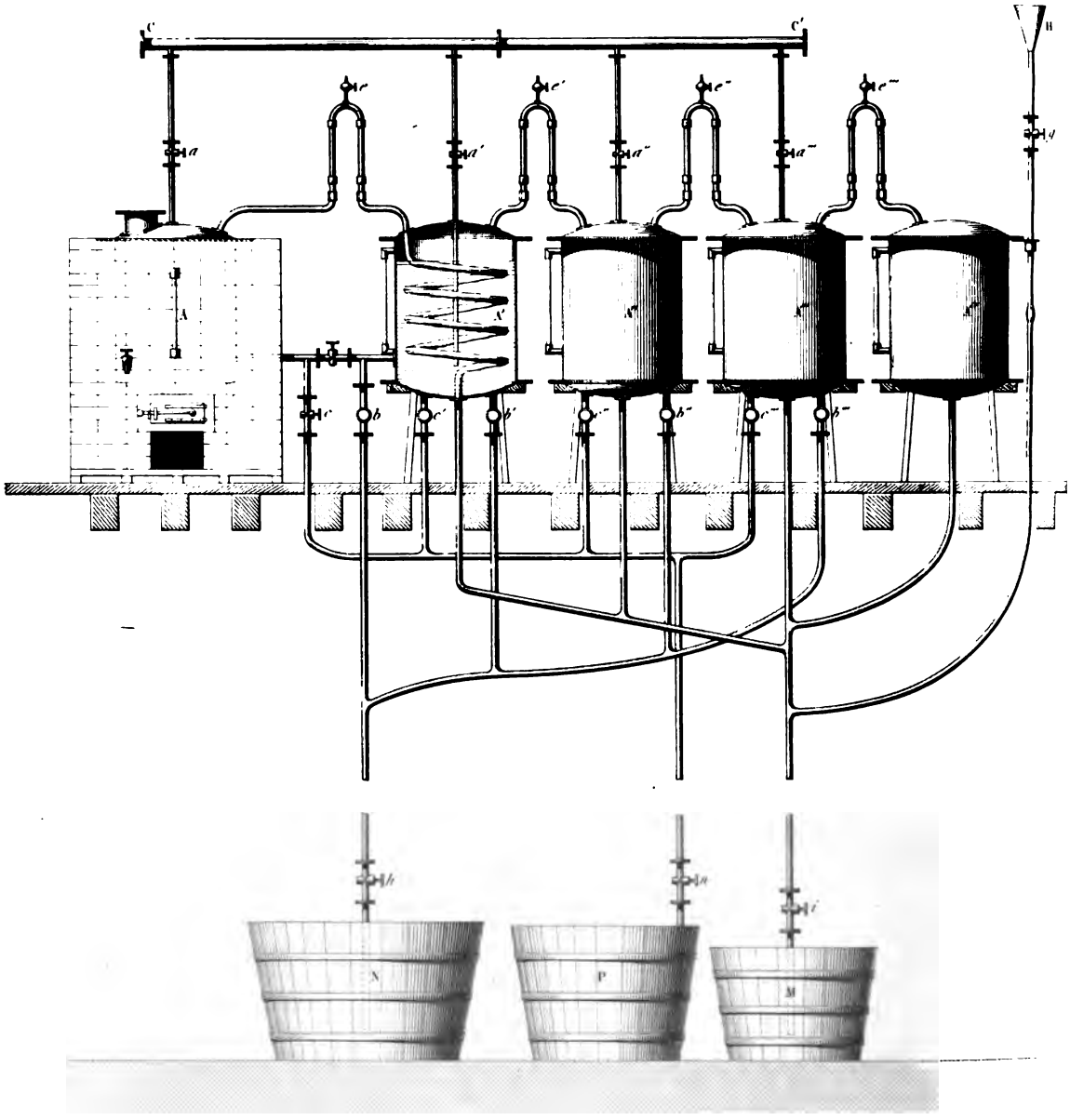
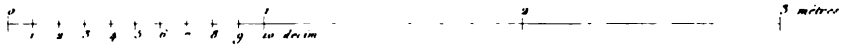


Echelle des Fig. 1 et 2.



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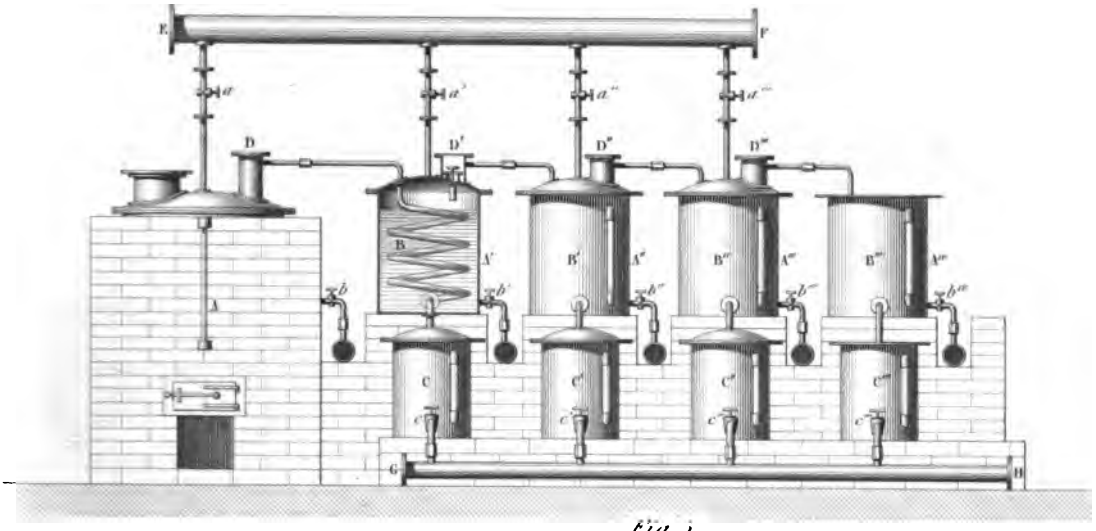

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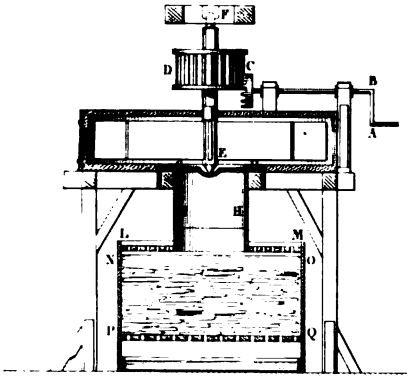

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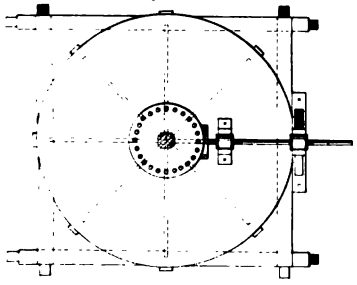

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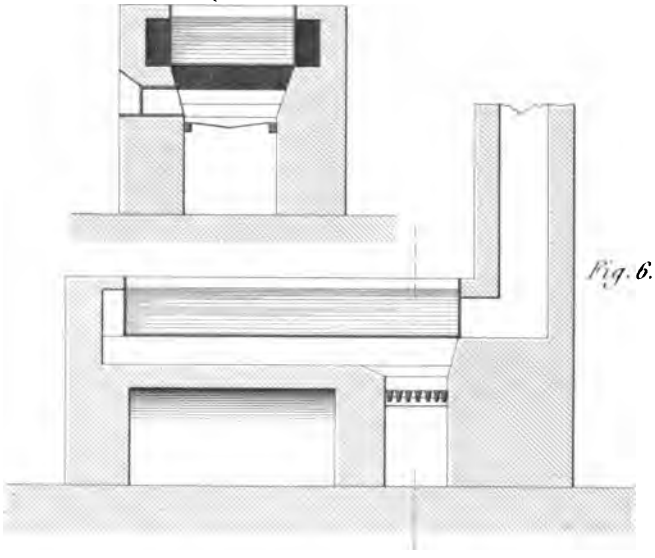
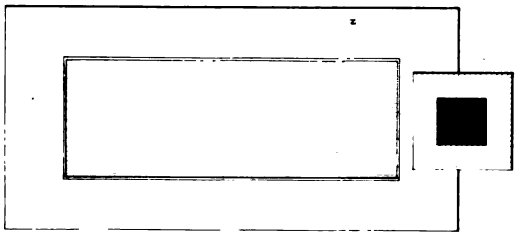


Fig. 6.

Fig. 7.



Gravé par E. Wormser

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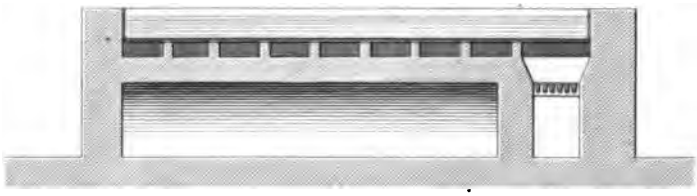

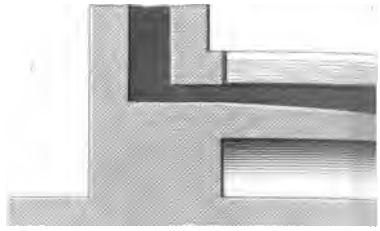

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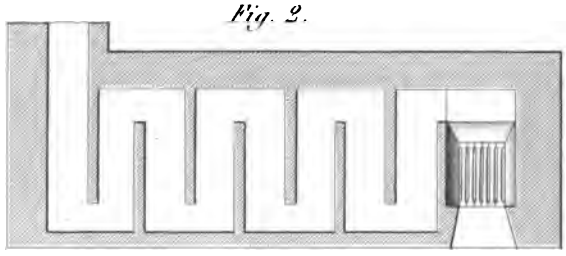

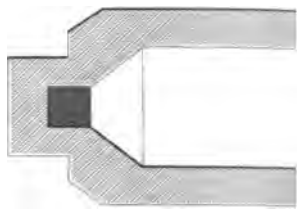

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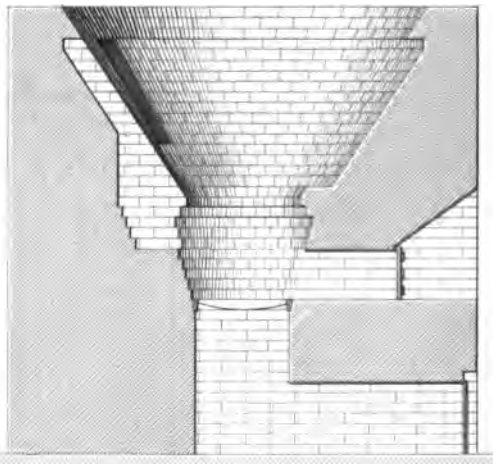

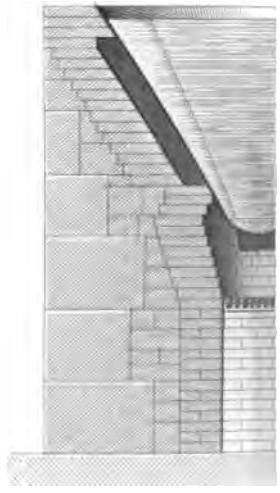

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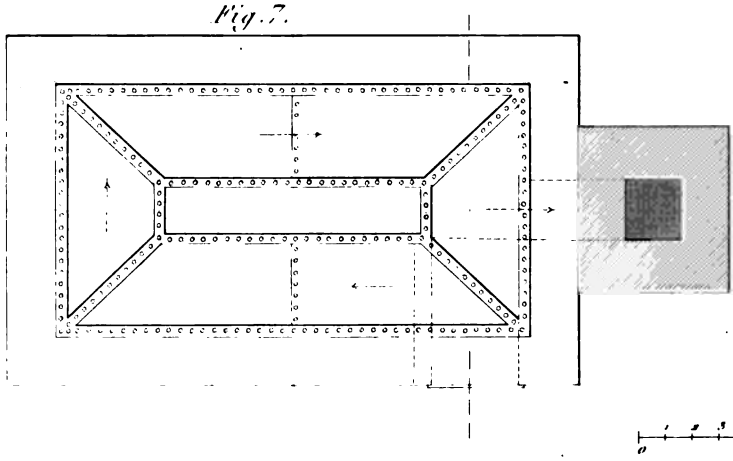
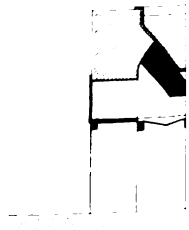
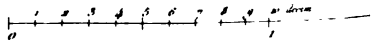




Échelle des Fig. 3 et 6.



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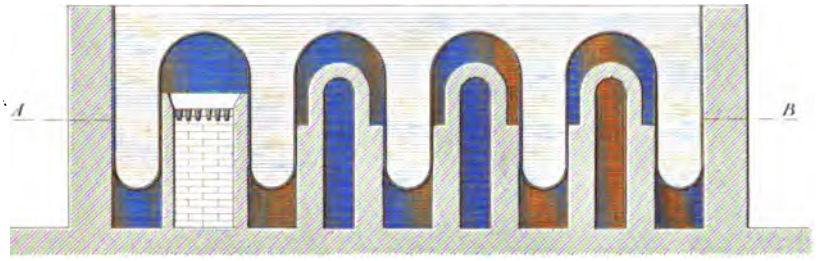

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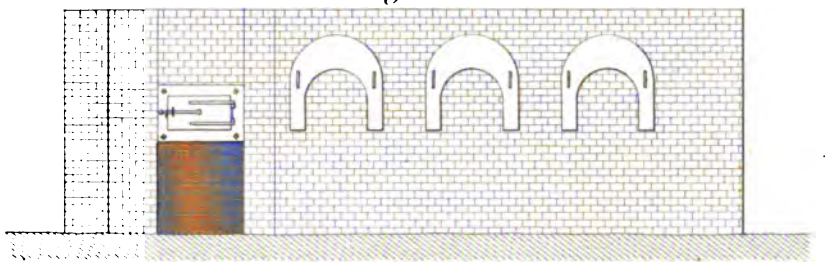

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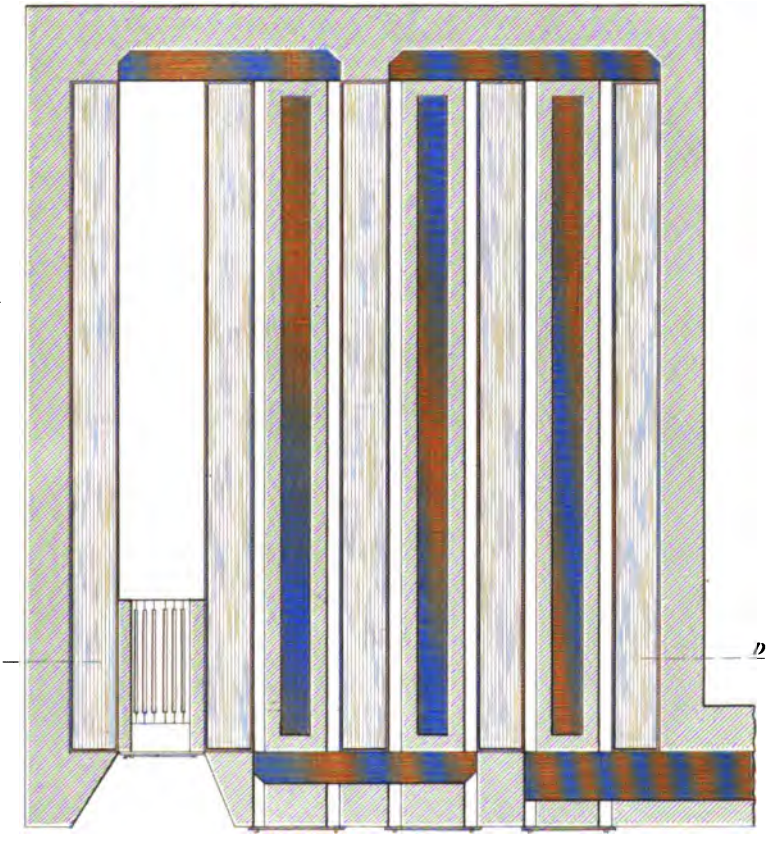

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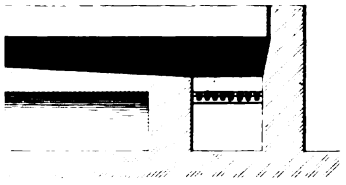

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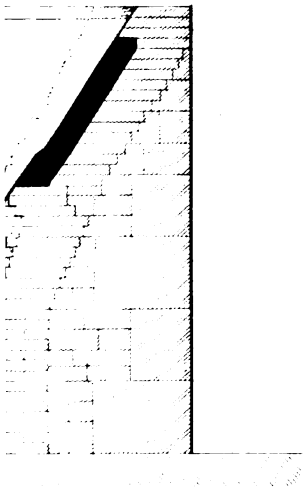

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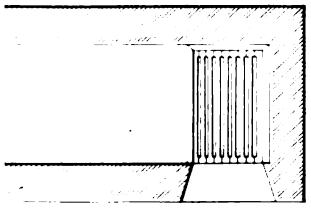

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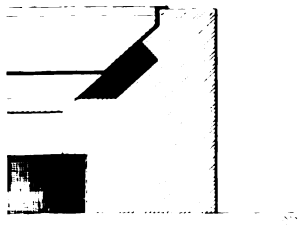
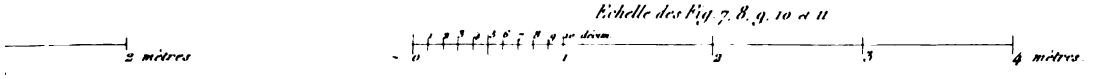


Échelle des Fig. 7, 8, 9, 10 et 11



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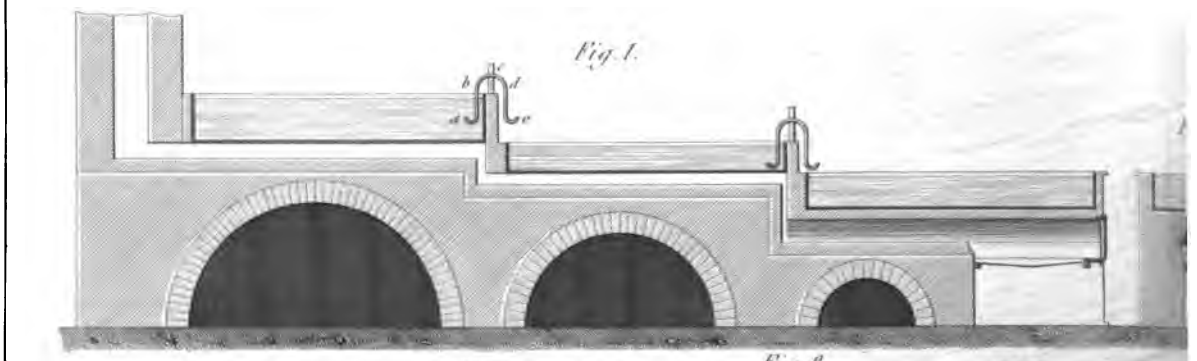
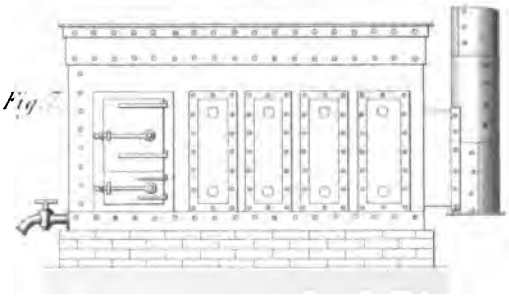


Fig. 1.
a
b
c
d
e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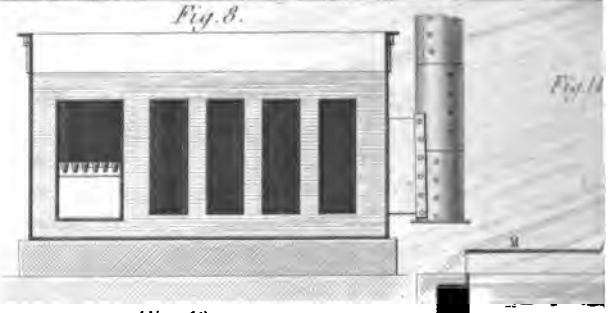
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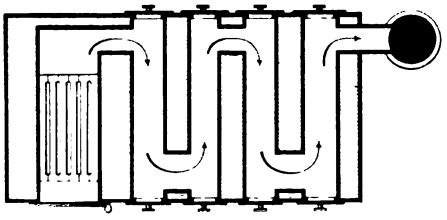
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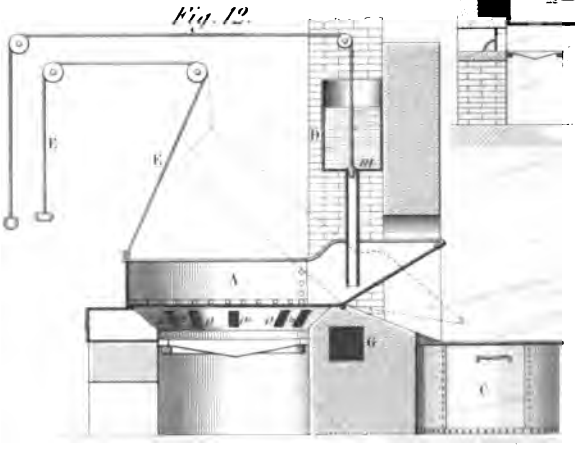
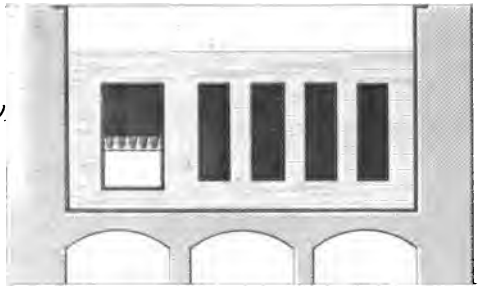


Fig. 12.
E
C
D
H
A
G
C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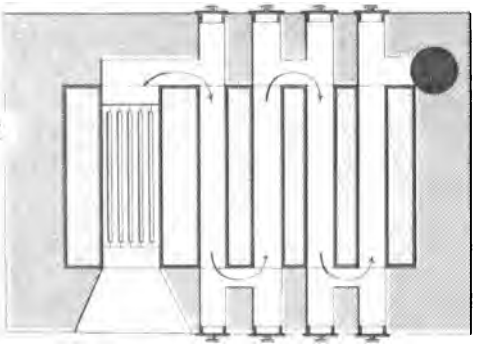
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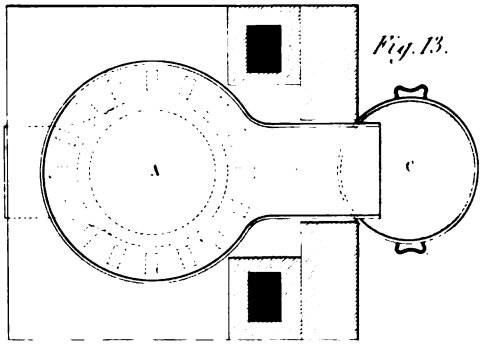
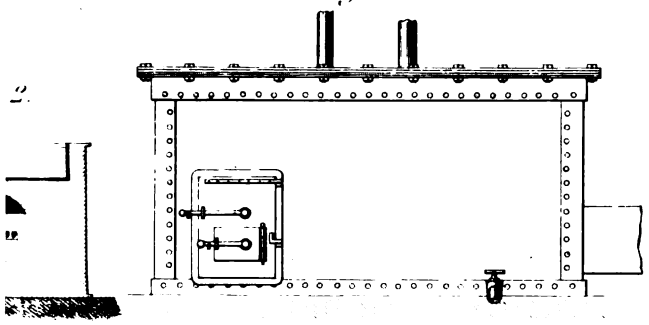


Fig. 13.
A
C

Fig. 3.



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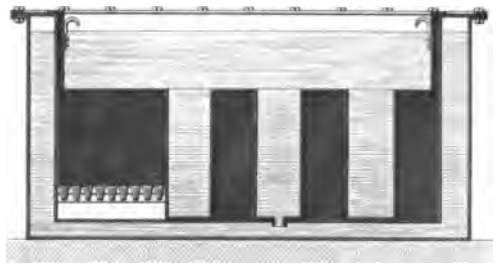

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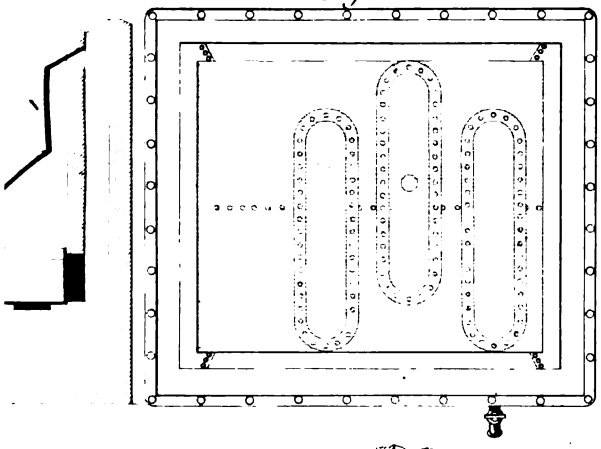

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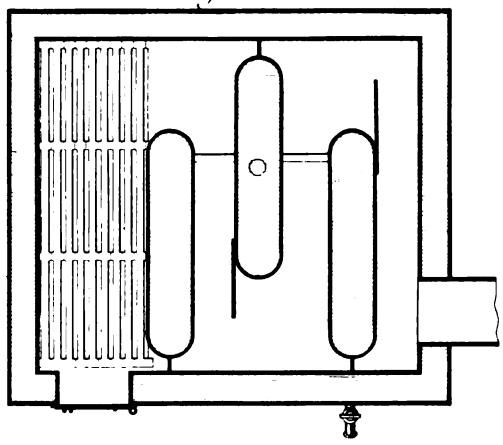

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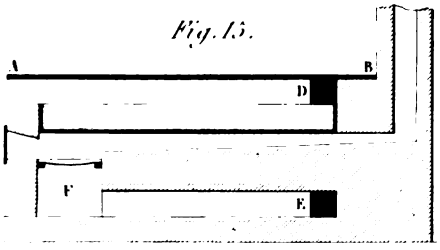

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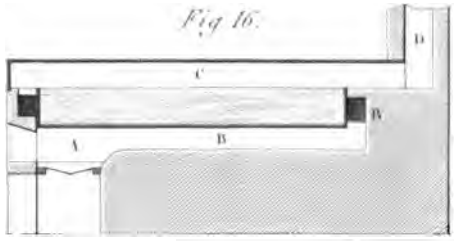

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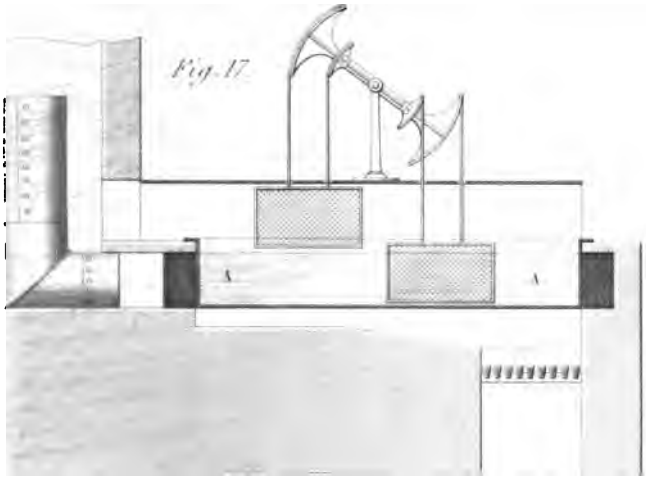

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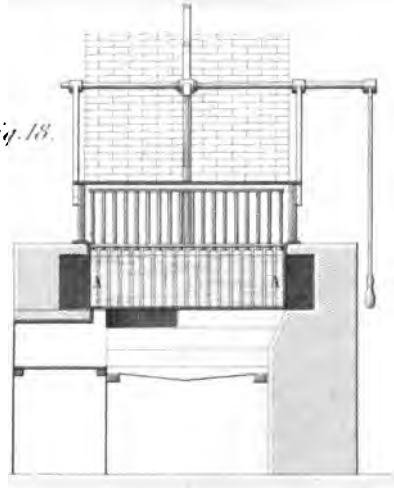


Gravé par Guiguet

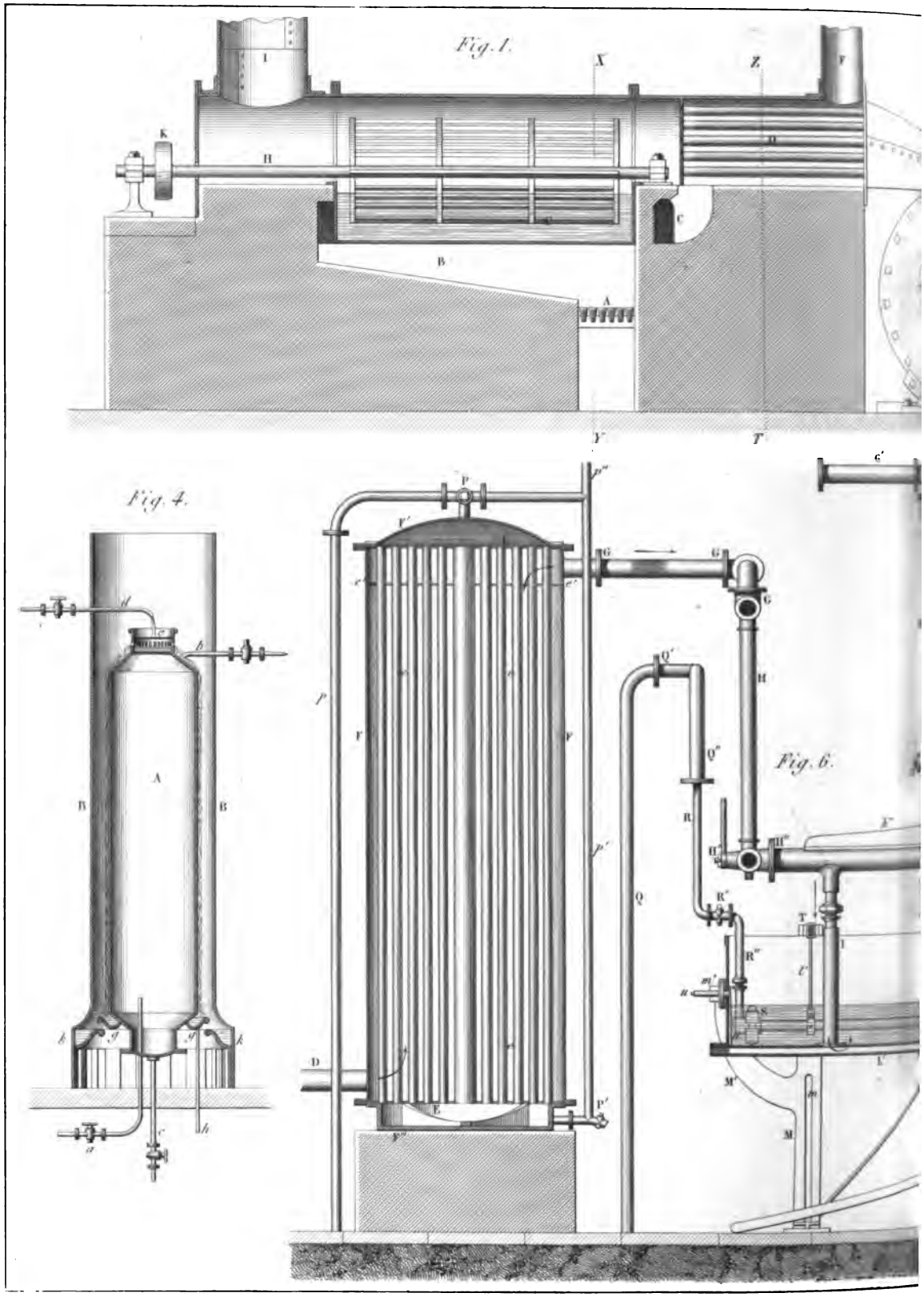
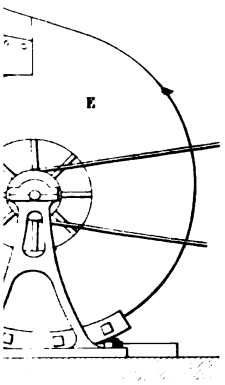


Fig. 1.
Fig. 4.
Fig. 6.



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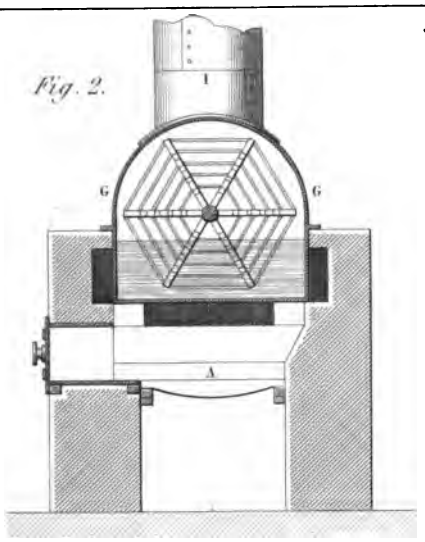
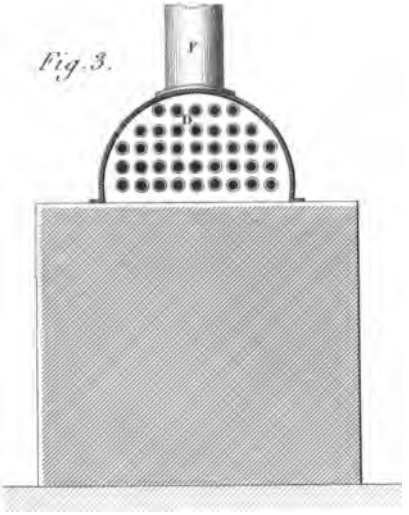
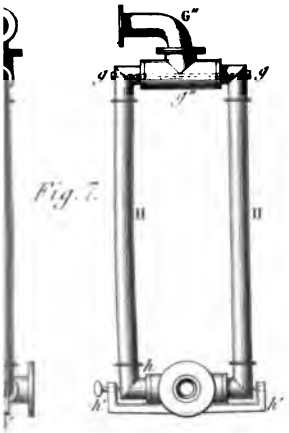


Fig. 3.





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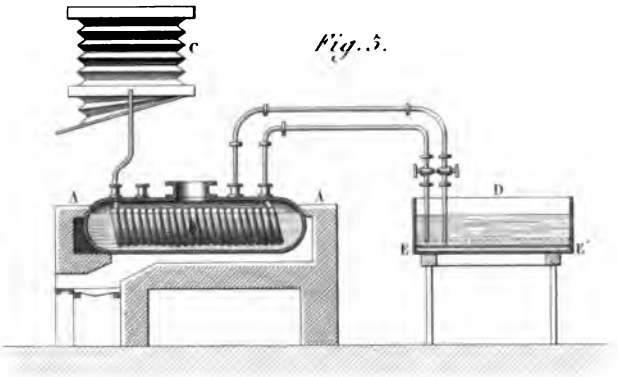

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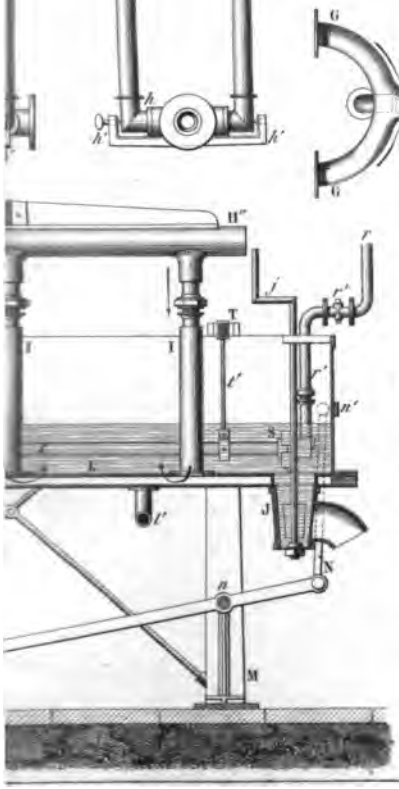

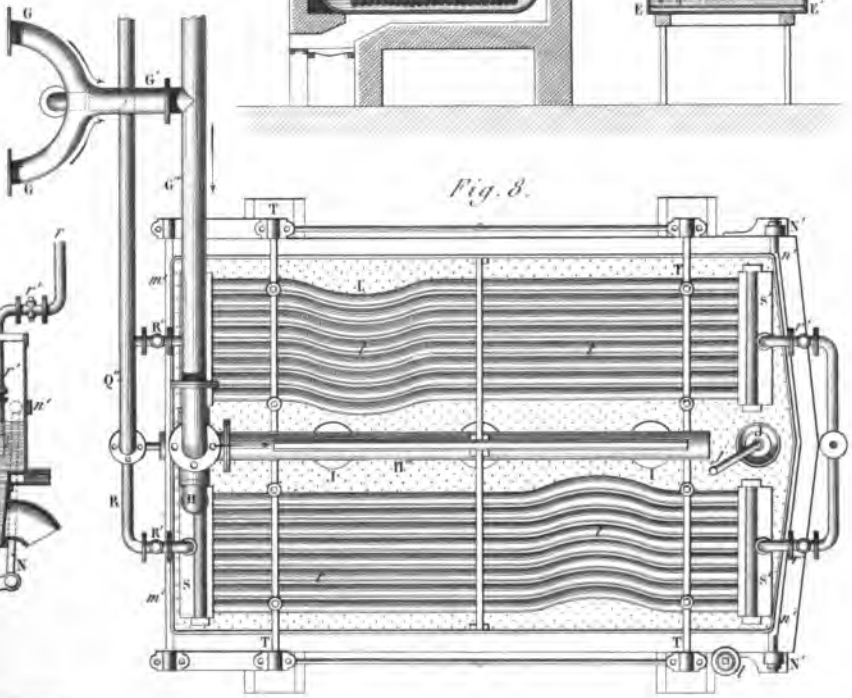

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Gravé par Guiguet.

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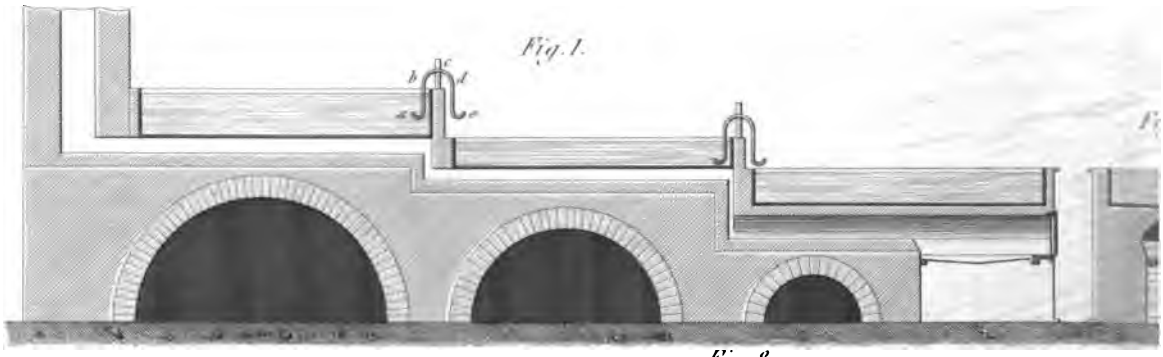

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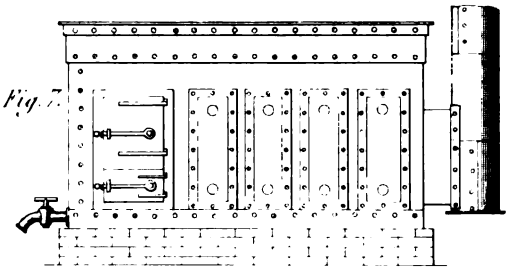

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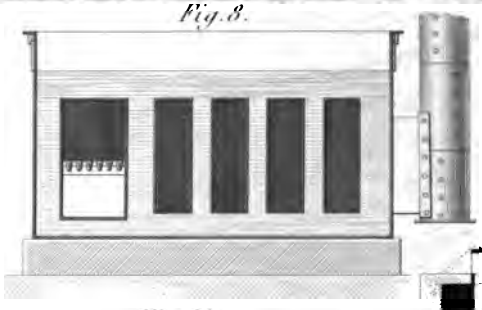

Fig 14.

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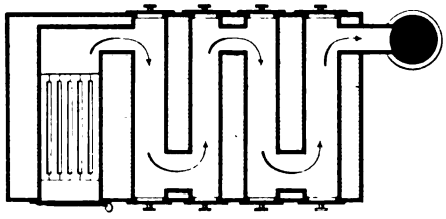

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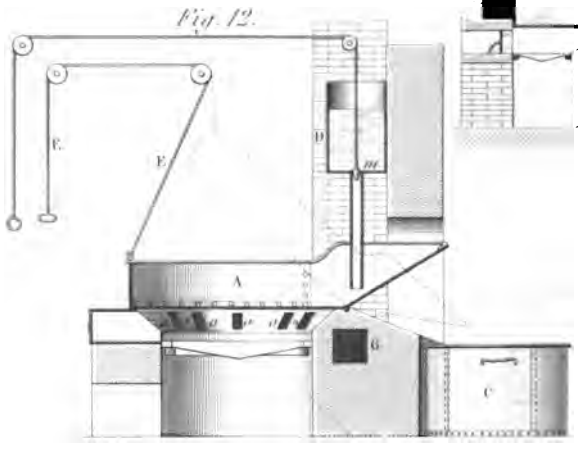

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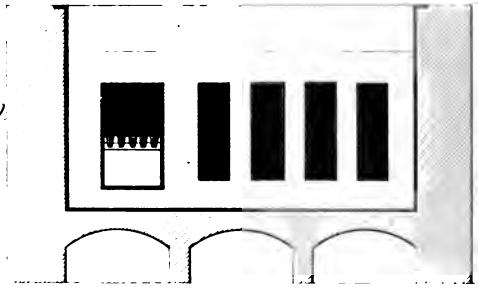

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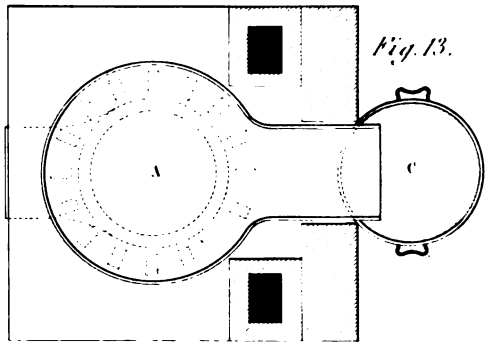

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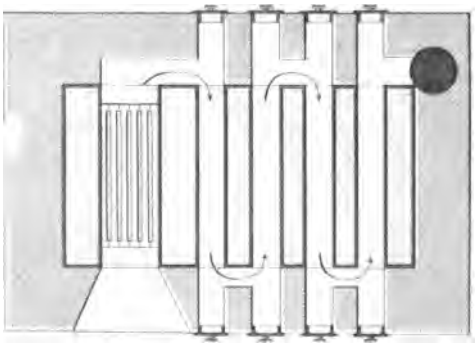

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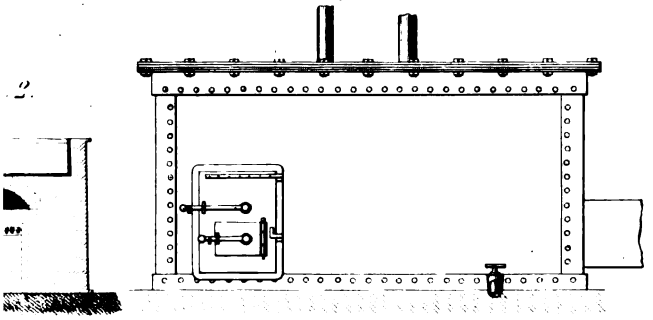

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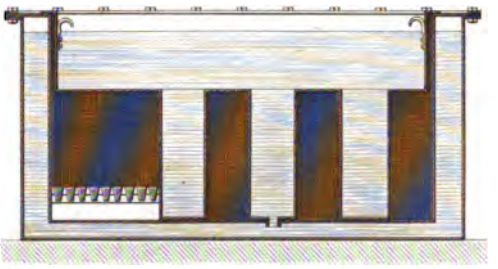

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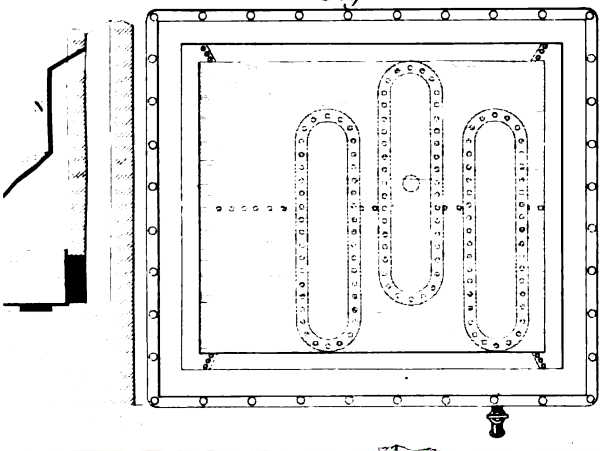

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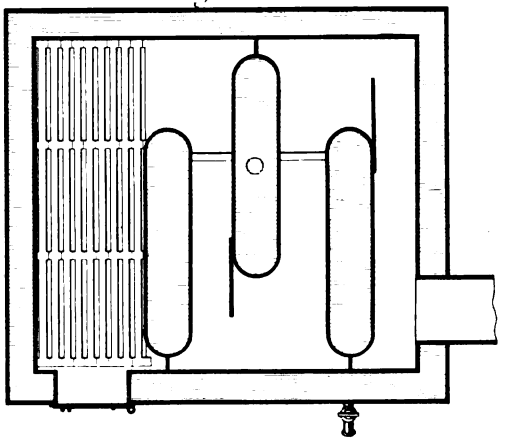
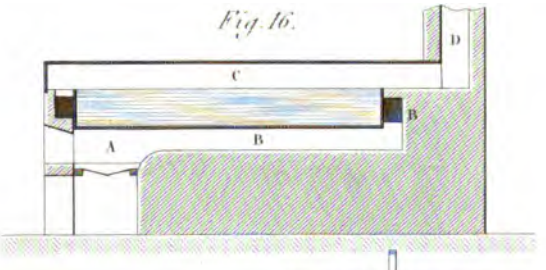


Fig. 15.

Fig. 16.



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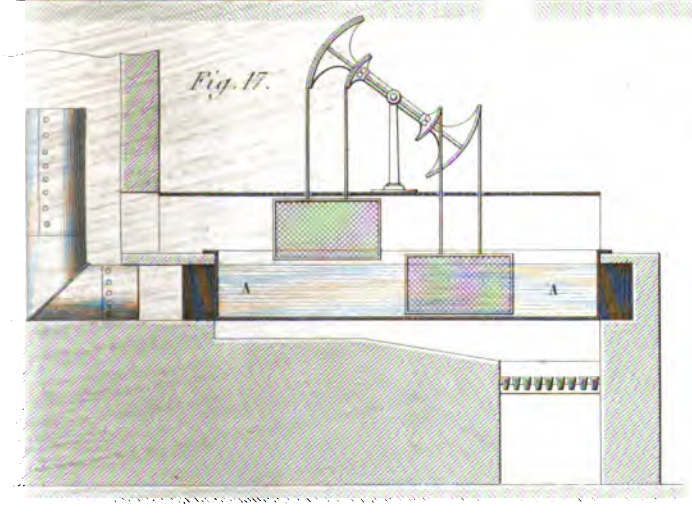

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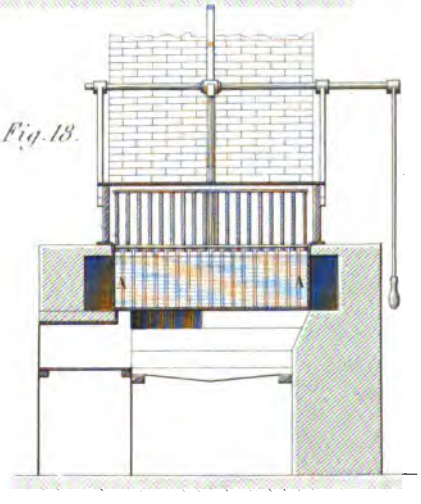

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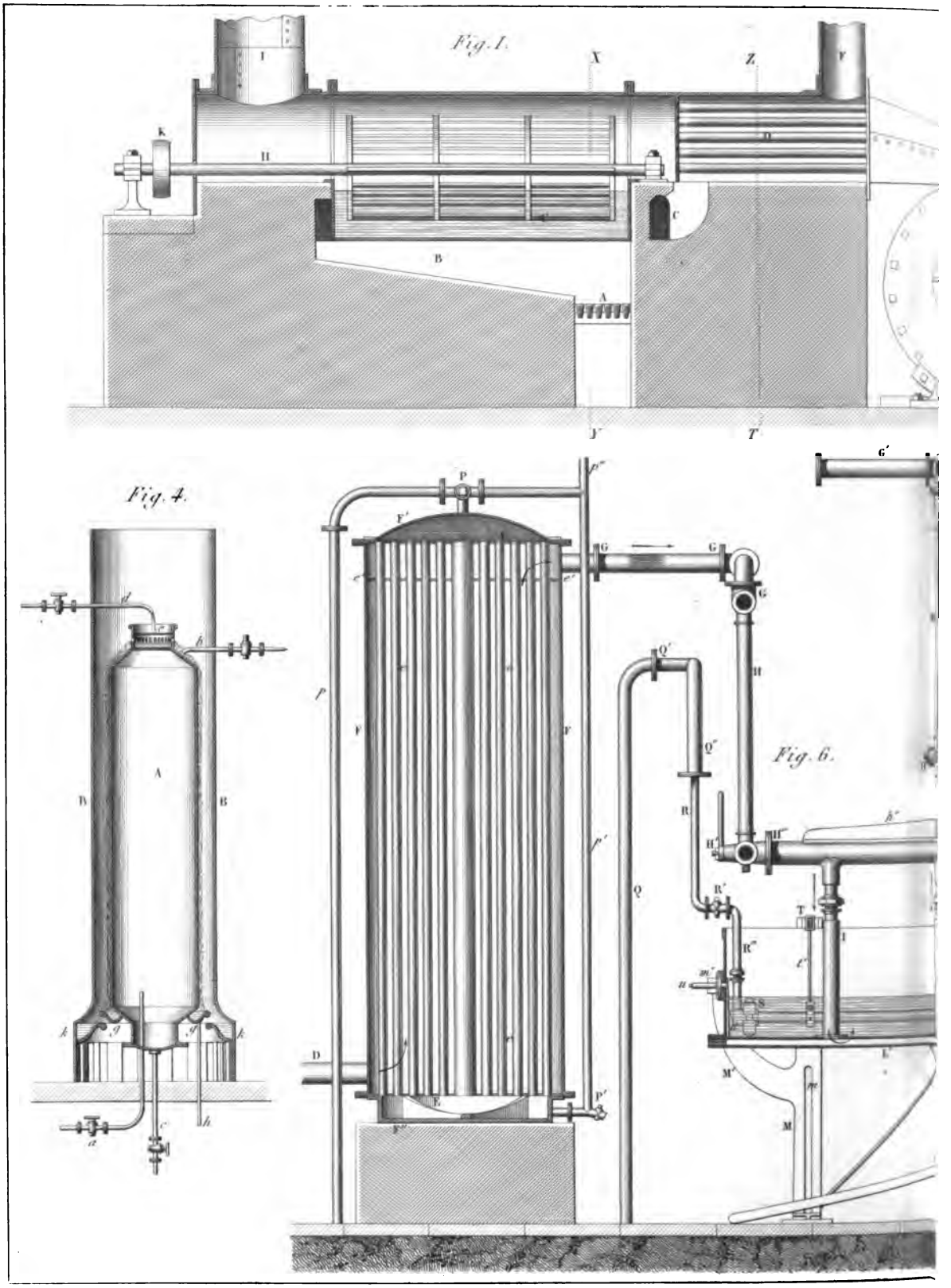
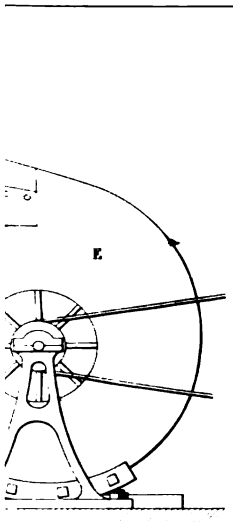


Librairie de L. Hachette.



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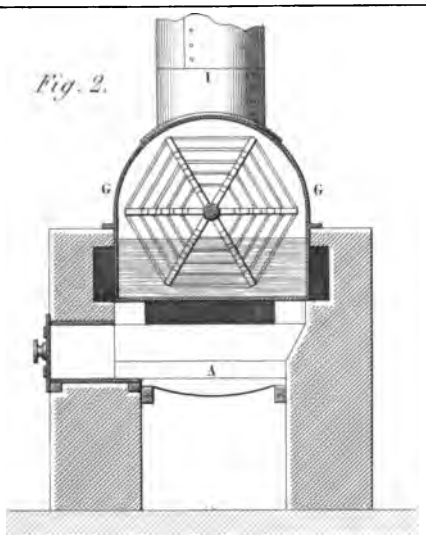

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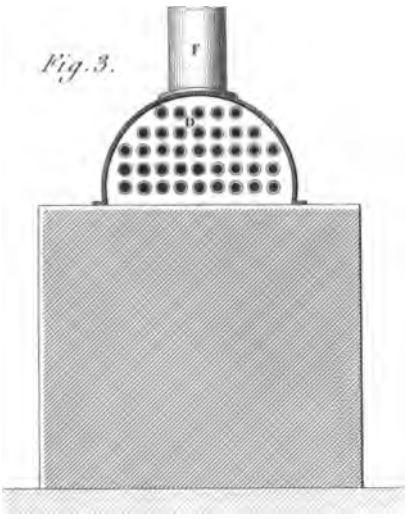

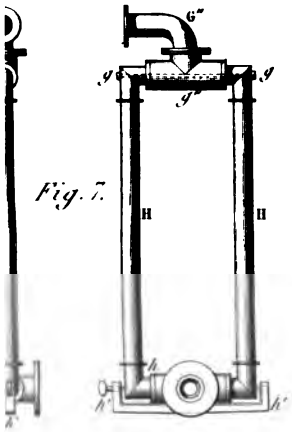

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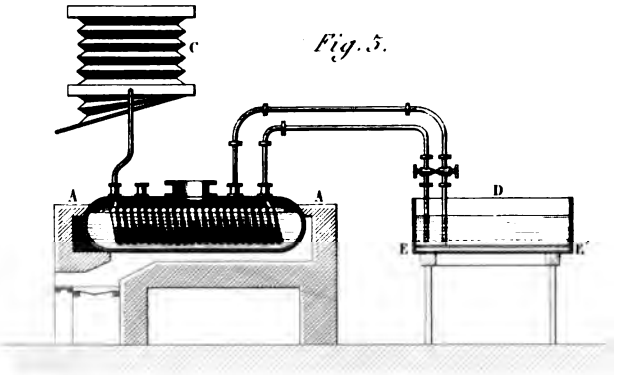

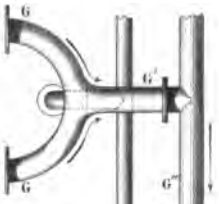

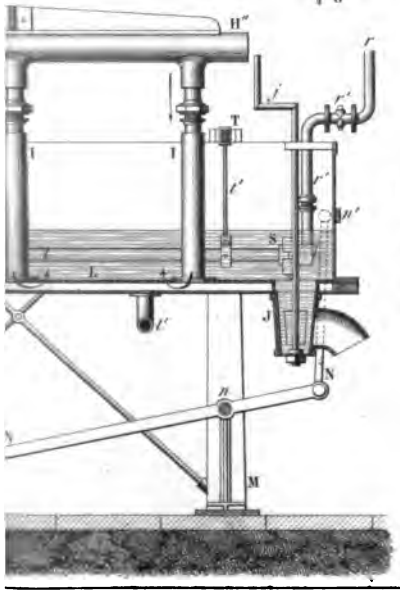

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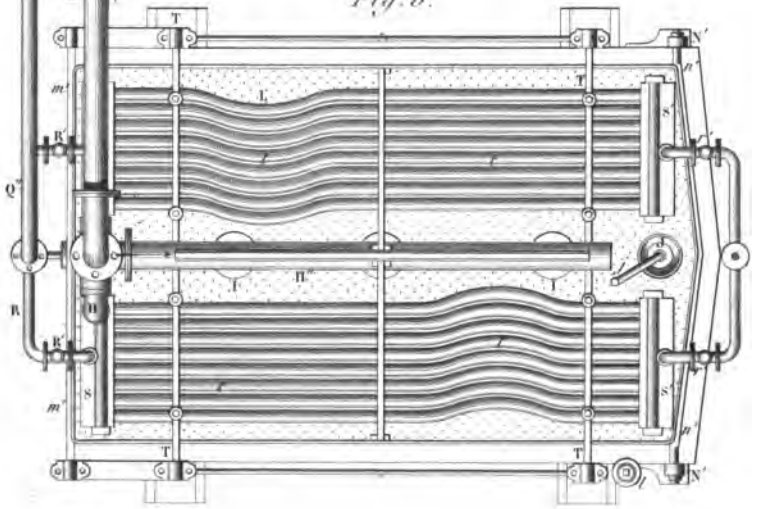

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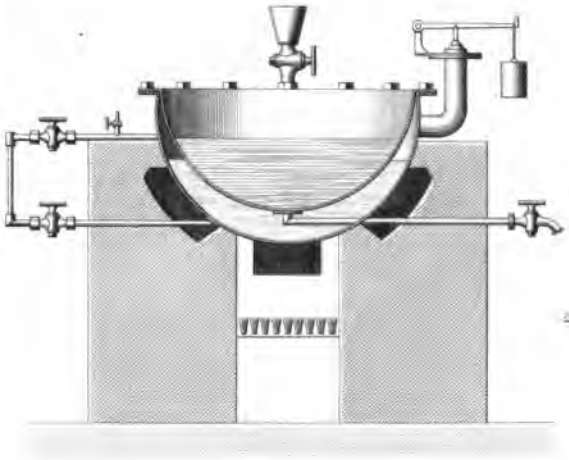

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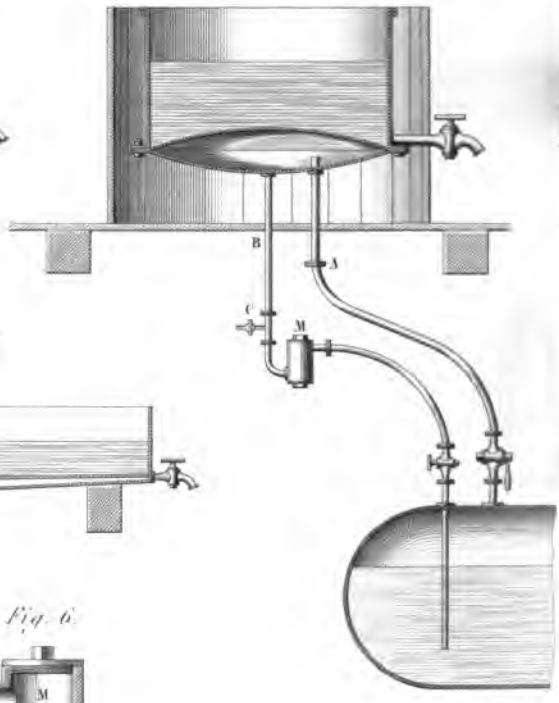


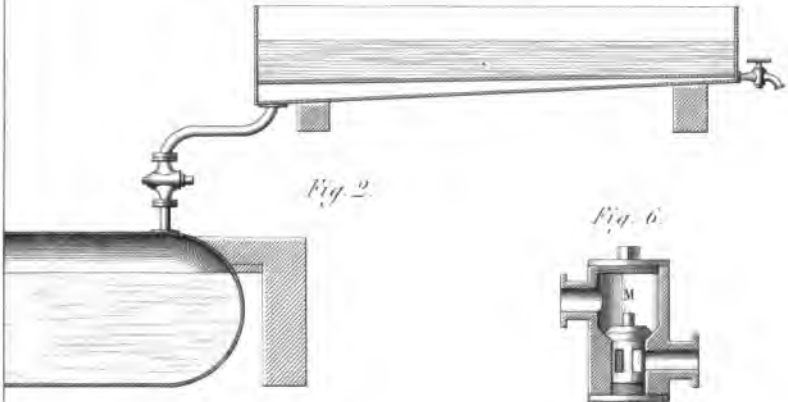
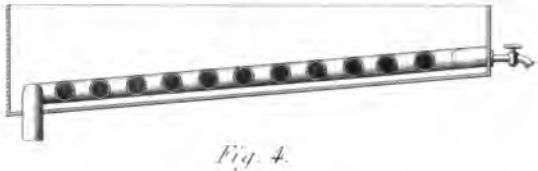


Fig. 2.

Fig. 6.

Fig. 3.



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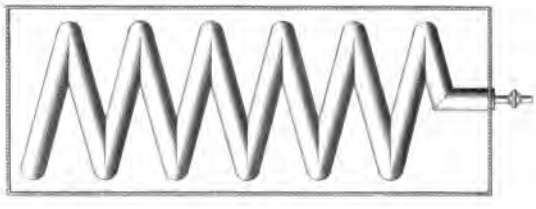

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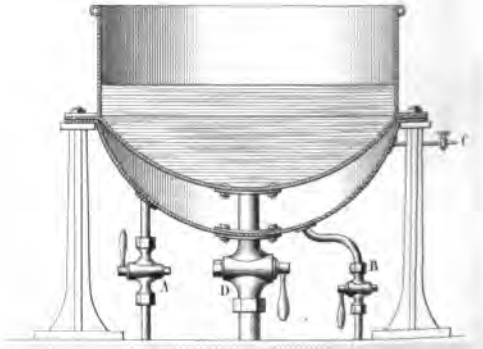

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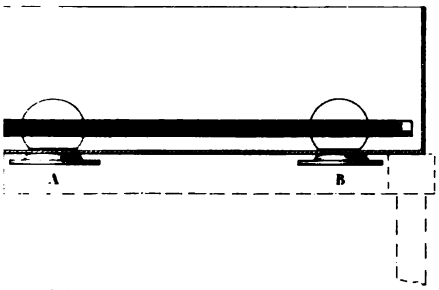

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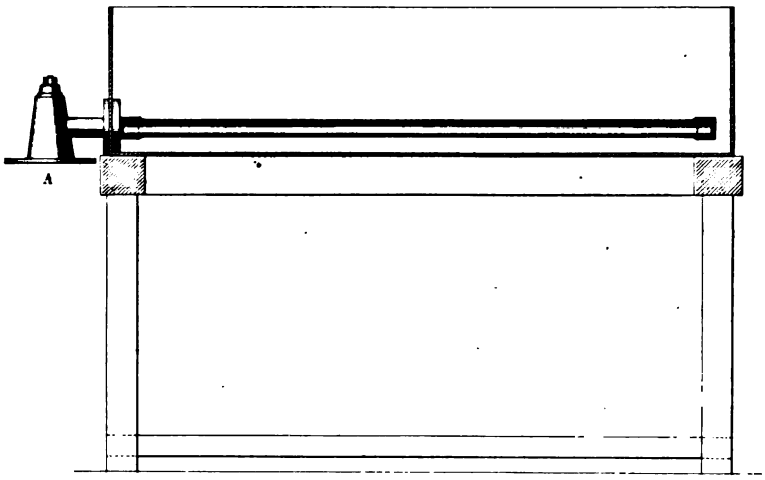

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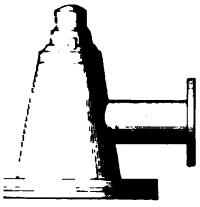

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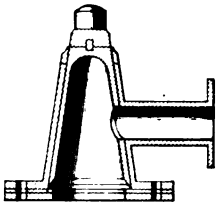

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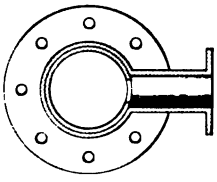

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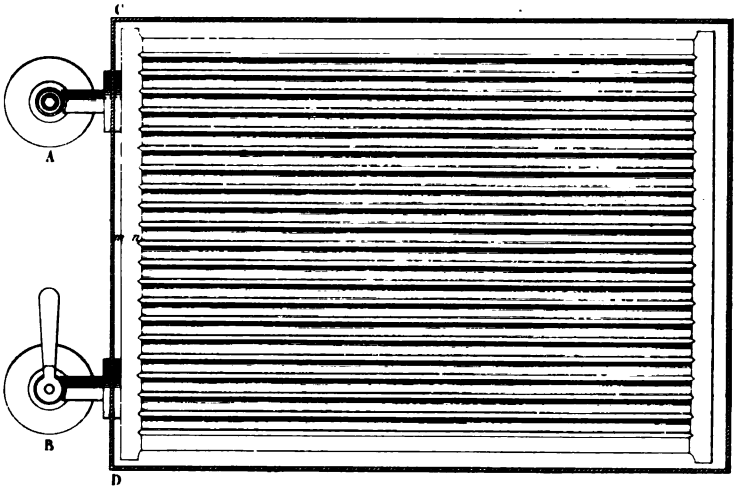

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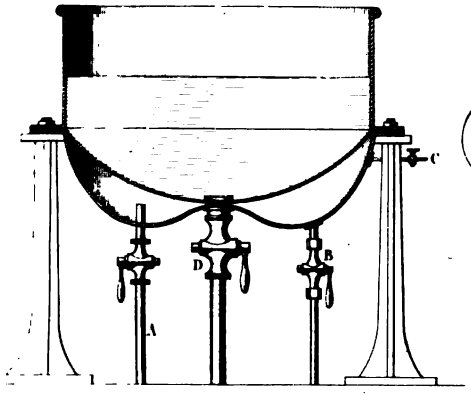

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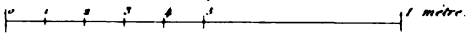

Gravé par Guiguet

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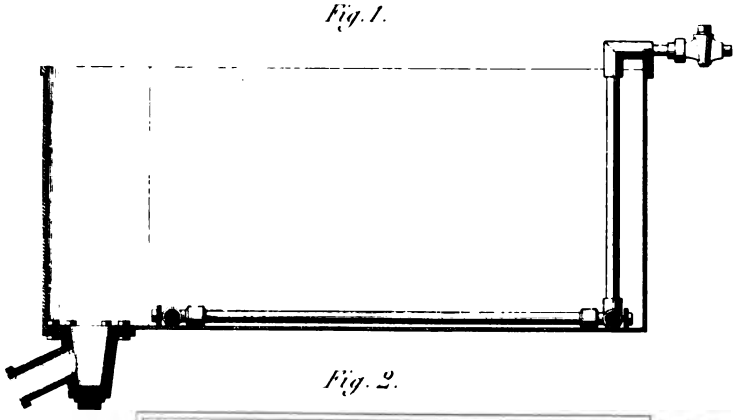

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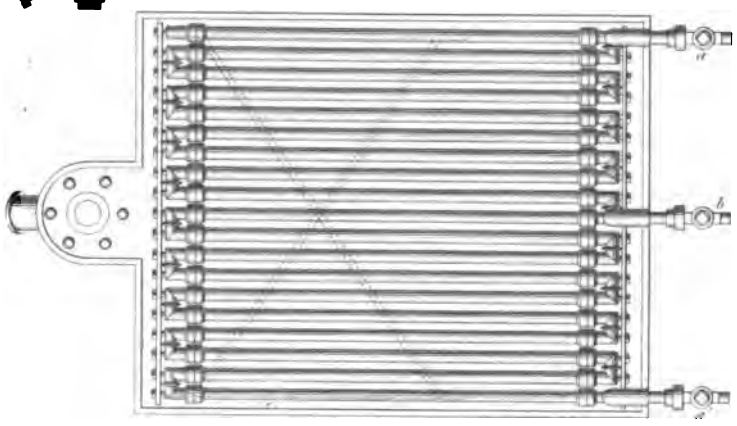

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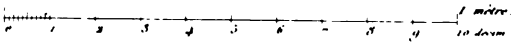

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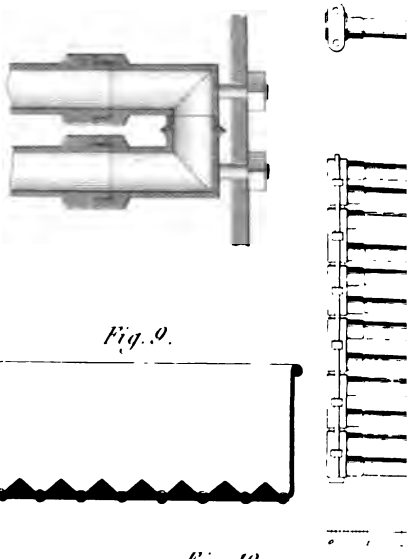
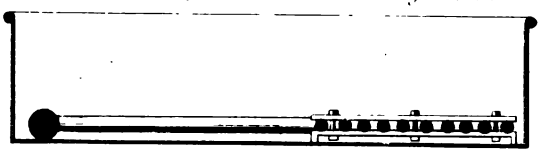


Fig. 9.

Fig. 10.

Fig. 13.



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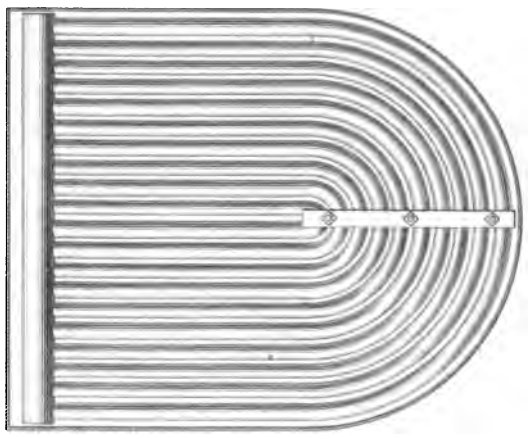

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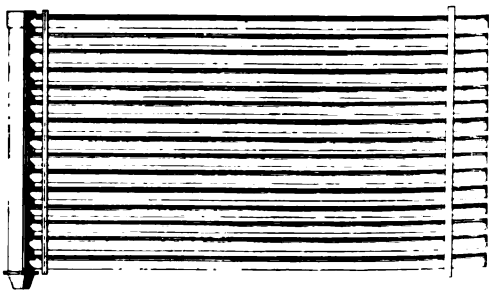

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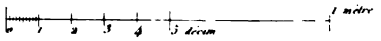
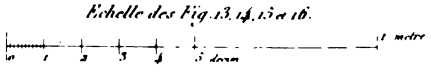
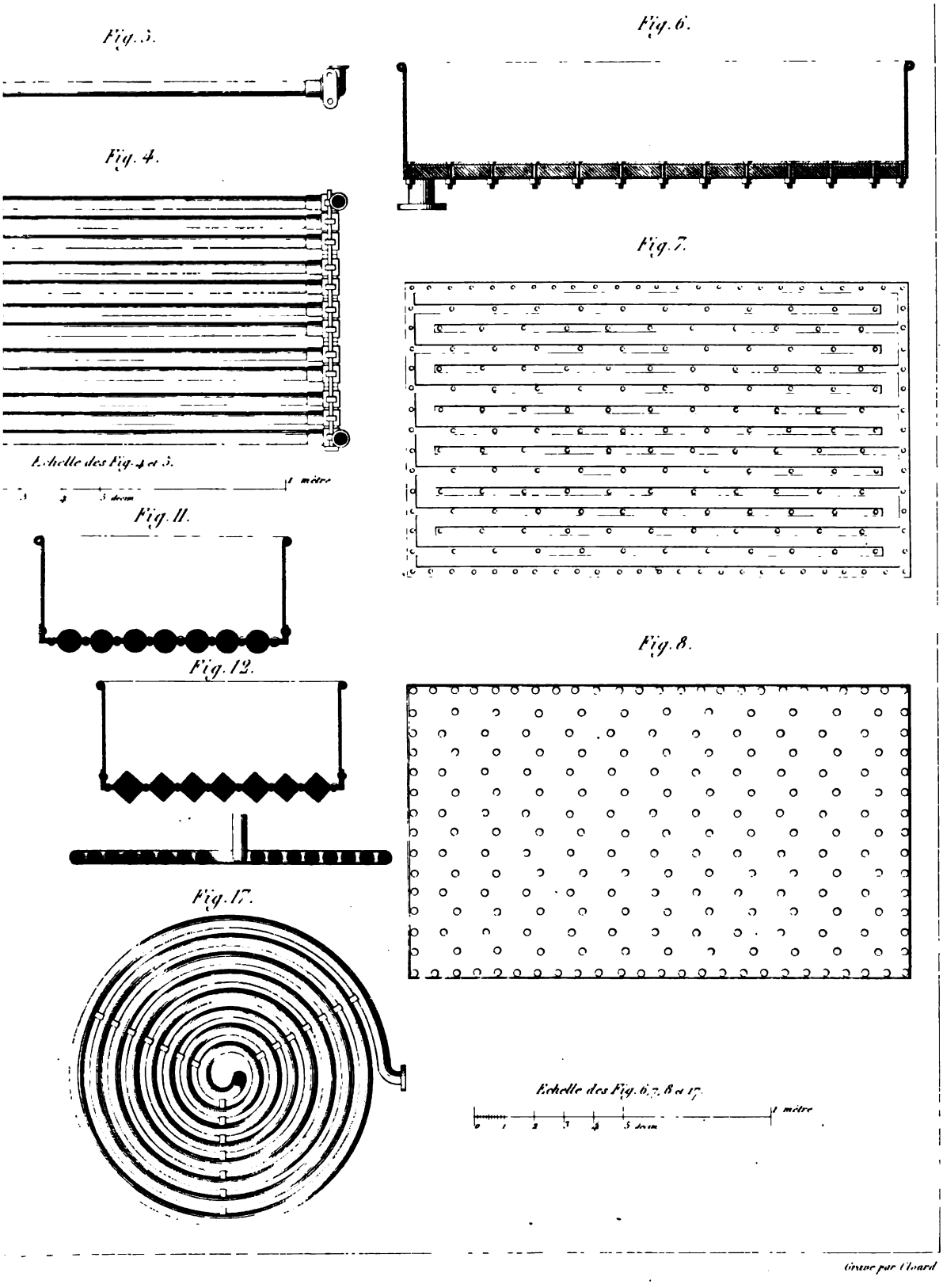


Echelle des Fig. 13, 14, 15 et 16.





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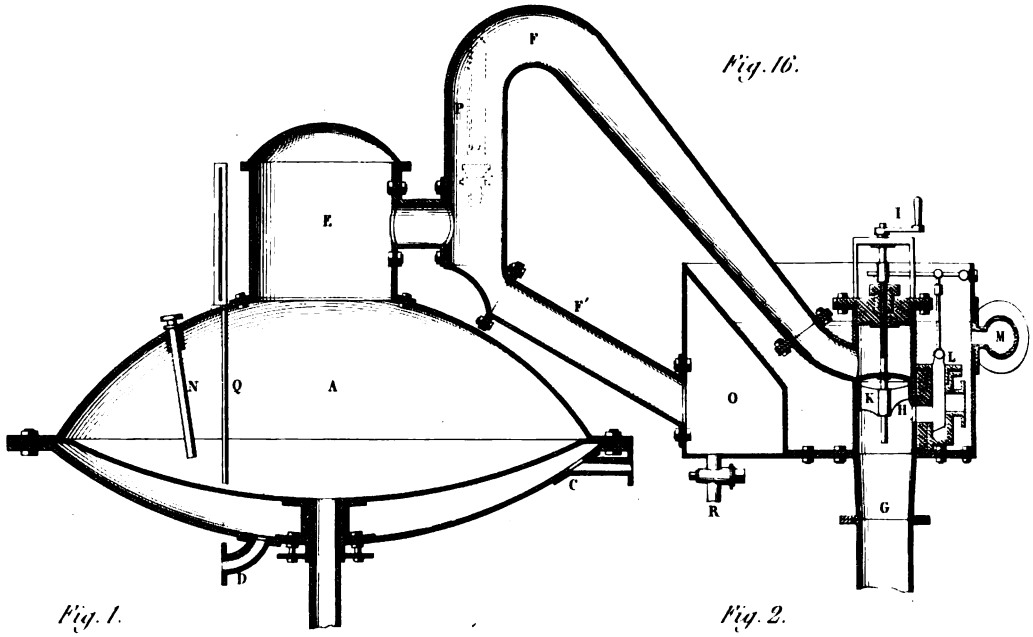
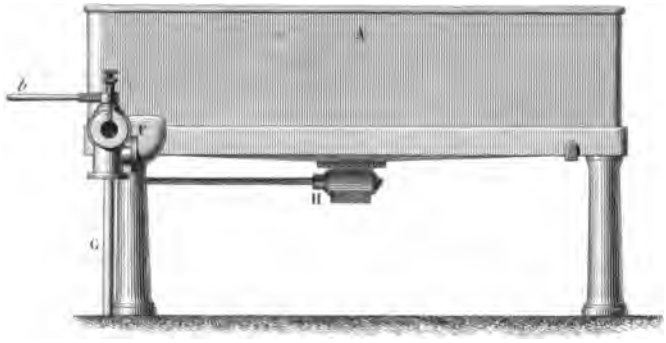


Fig. 16.

Fig. 1.

Fig. 2.



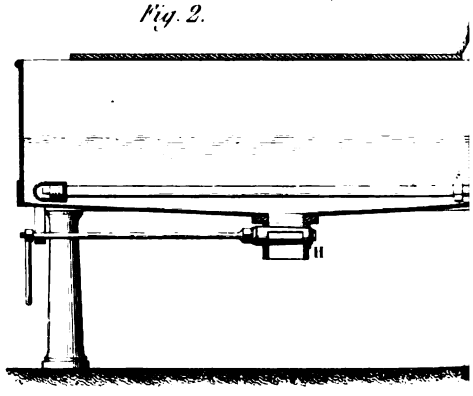


Fig. 3.

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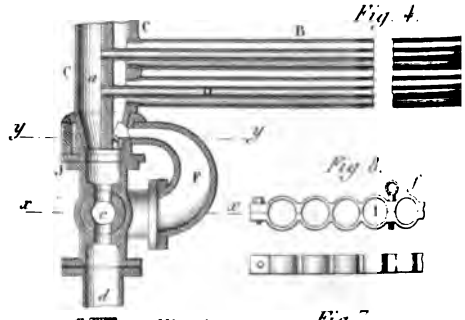

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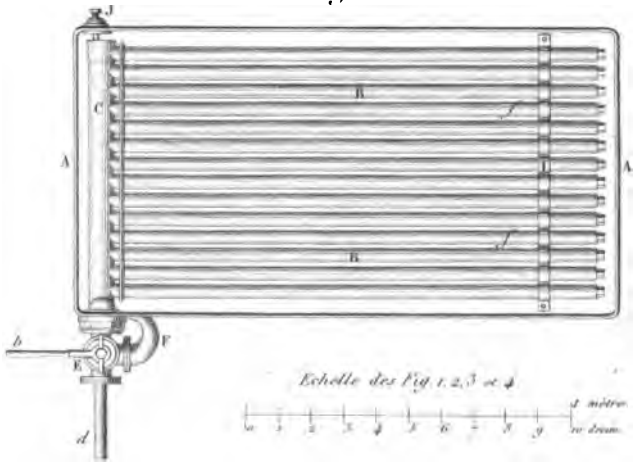

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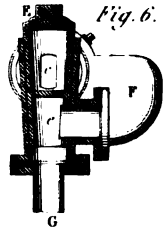
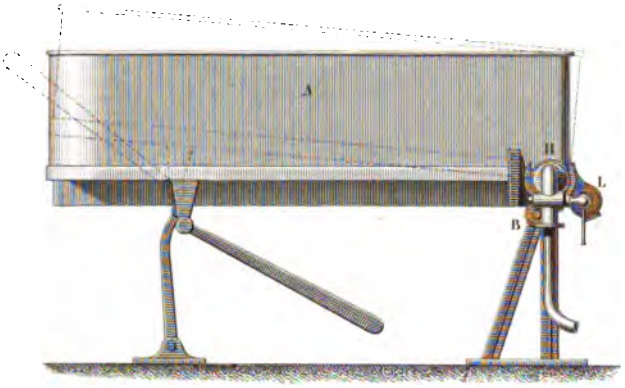


Fig. 7.

Fig. 9.



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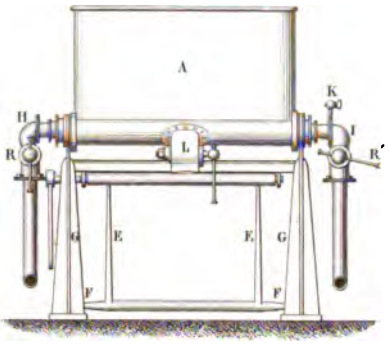

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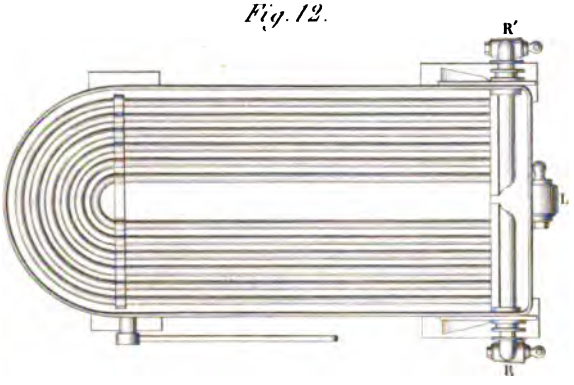

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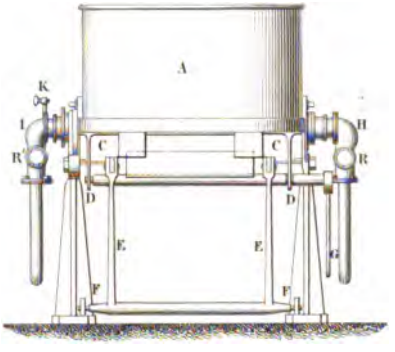
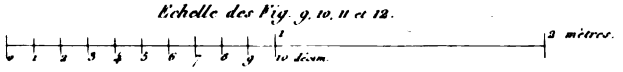


Echelle des Fig. 9, 10, 11 et 12.



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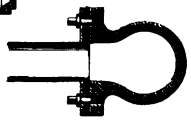

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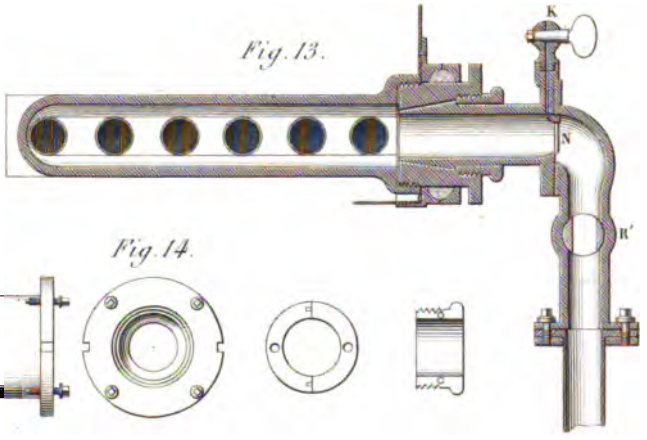

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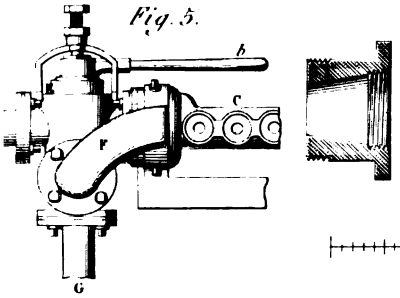

Fig. 14.

Echelle des Fig. 4, 5, 6, 7, 8, 13, 14 et 15.

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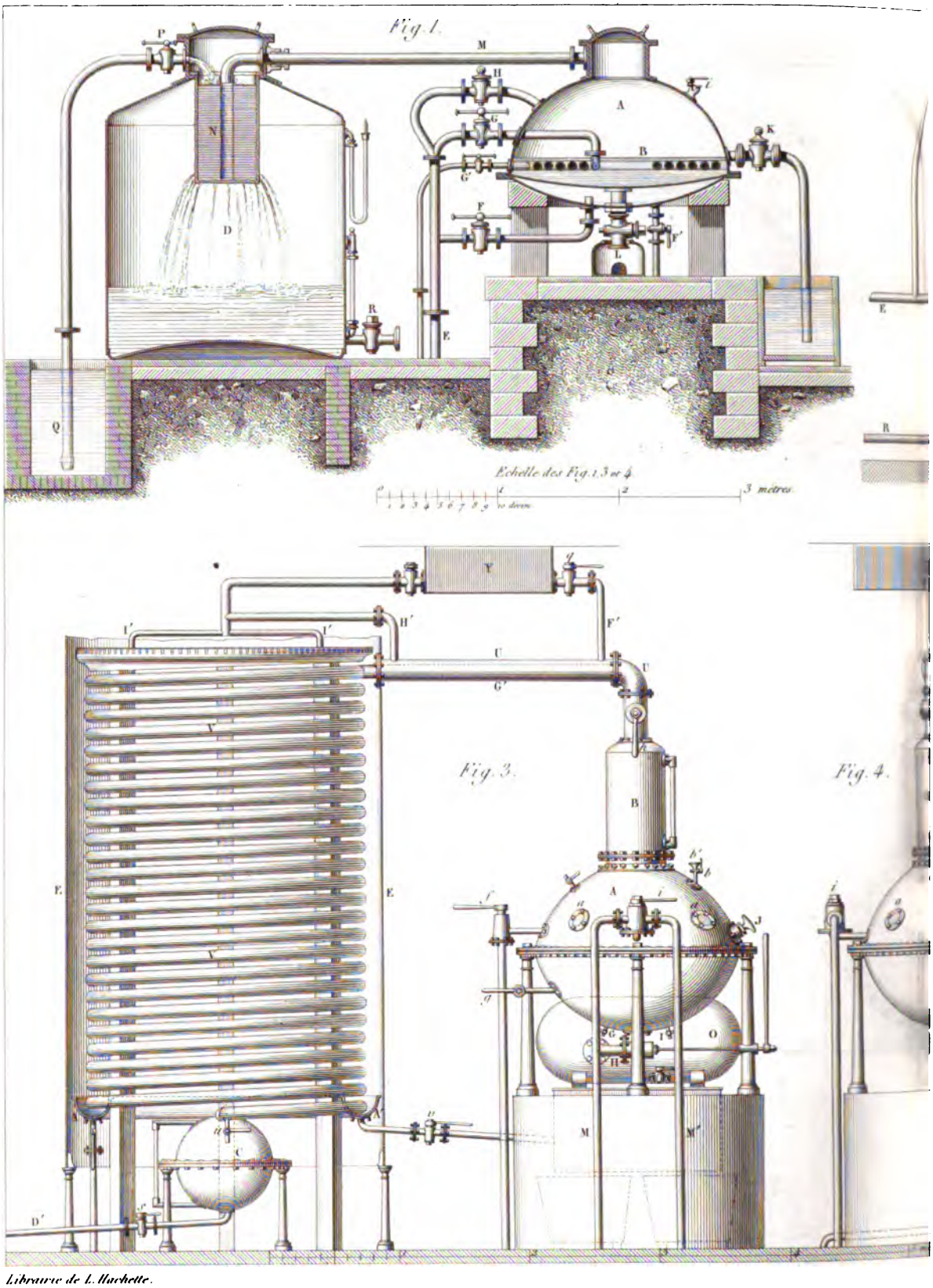
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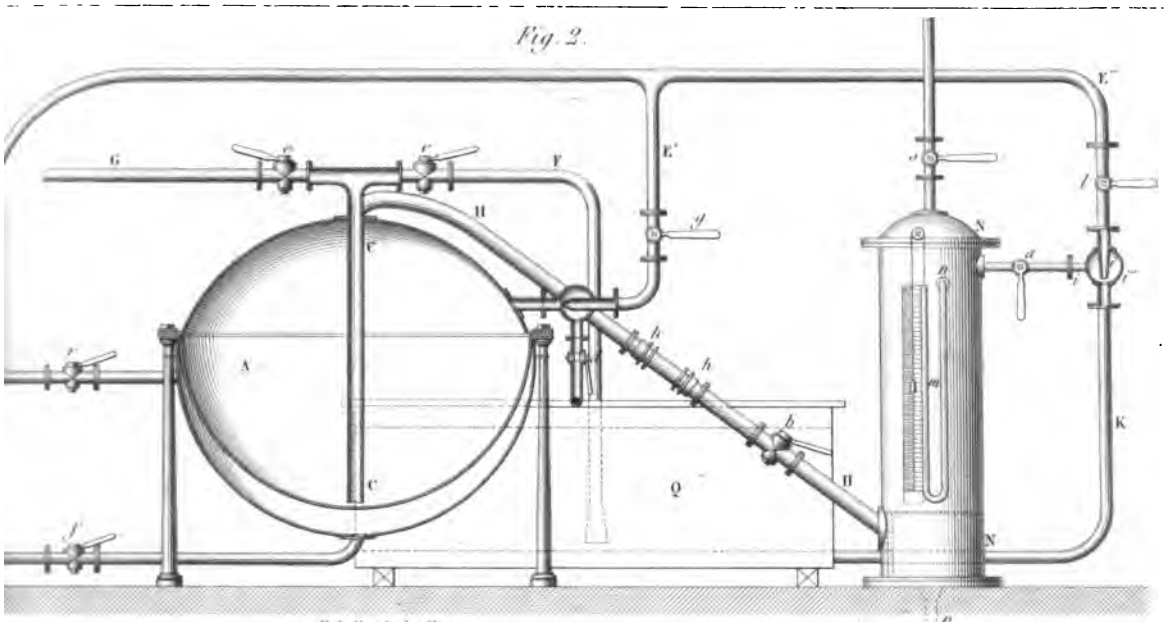
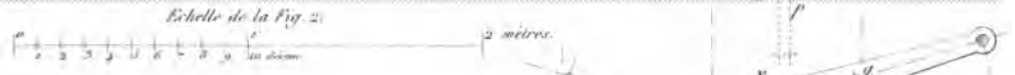
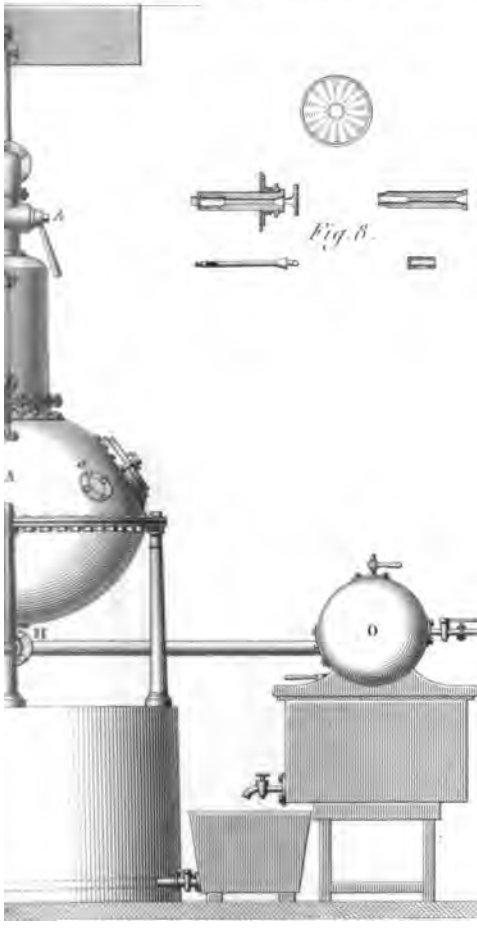
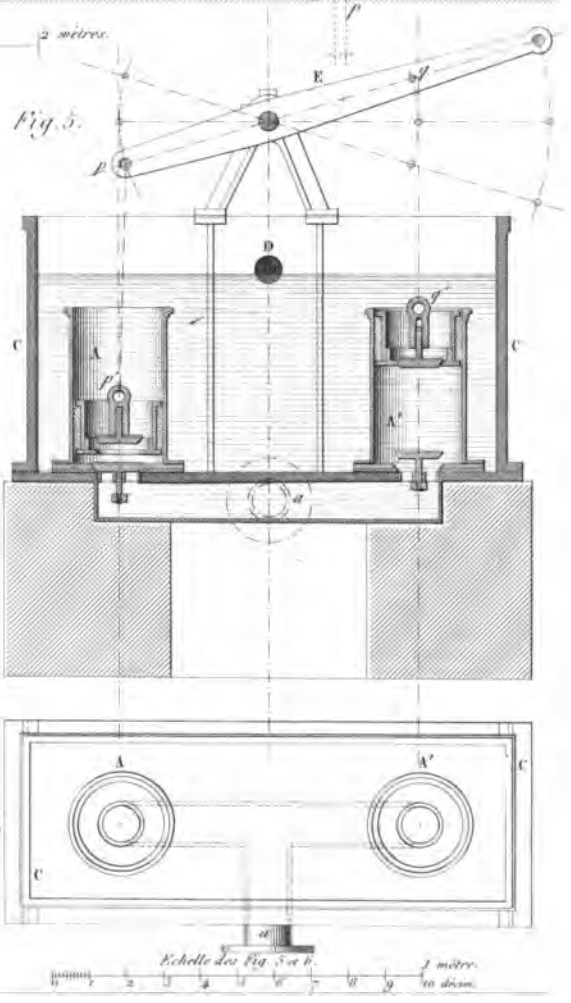
3 mètres
Fig. 3.
Fig. 4.









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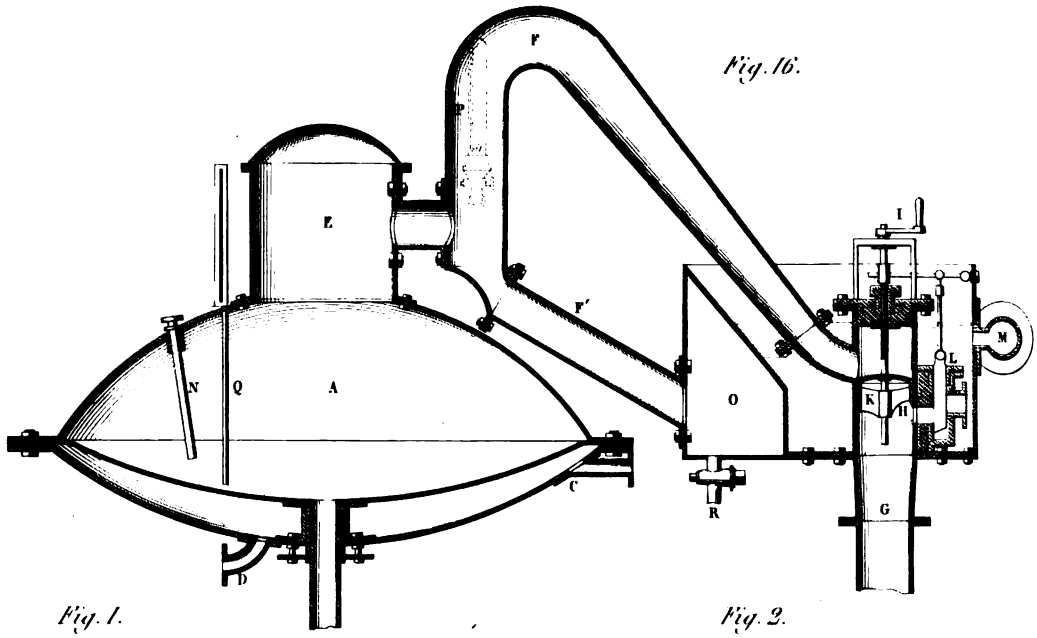

Fig. 16.

Fig. 1.

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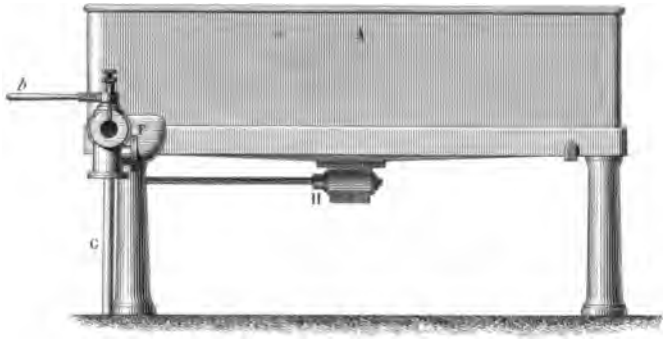

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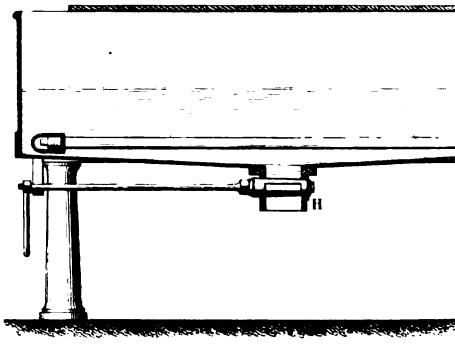

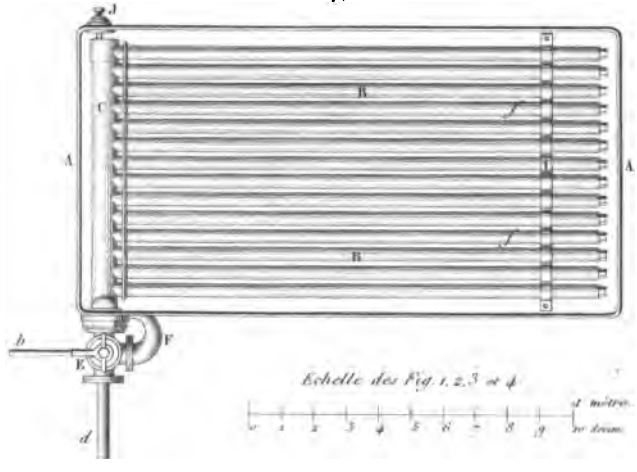

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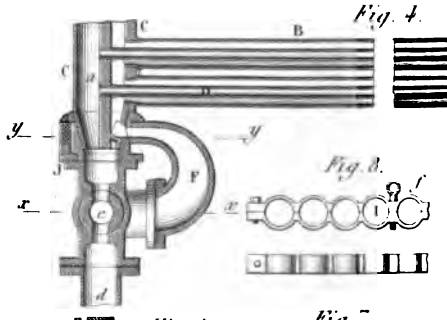

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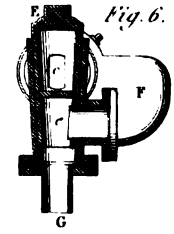

Fig. 6.

Fig. 7.

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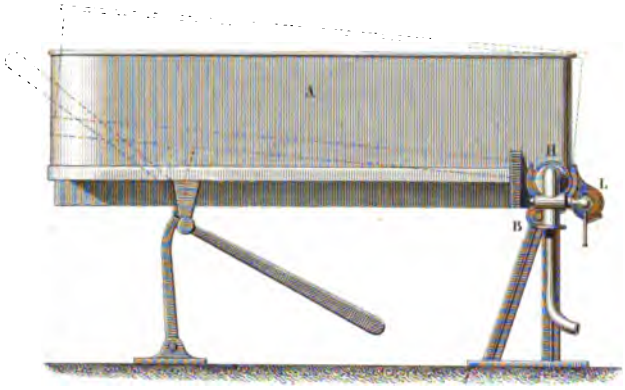

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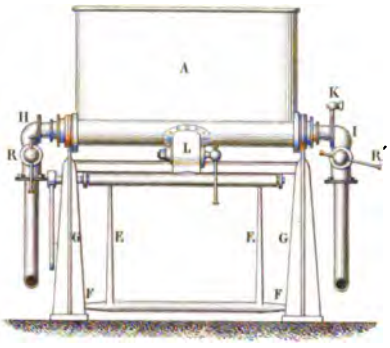

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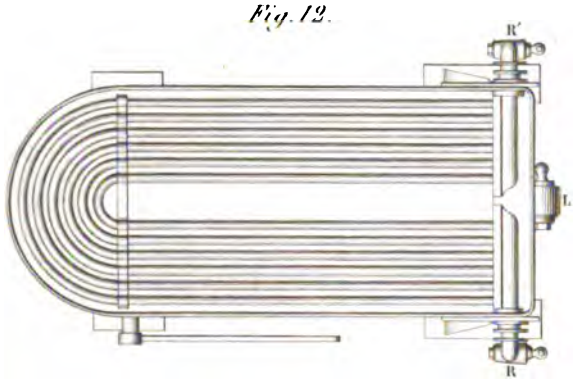

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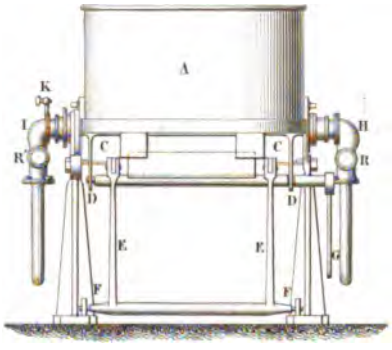
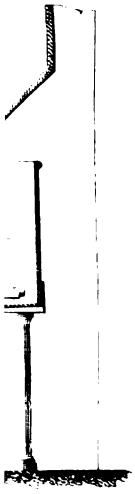
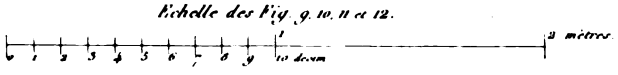
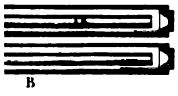




Echelle des Fig. 9. 10. 11 et 12.





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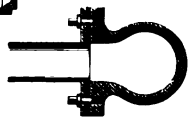

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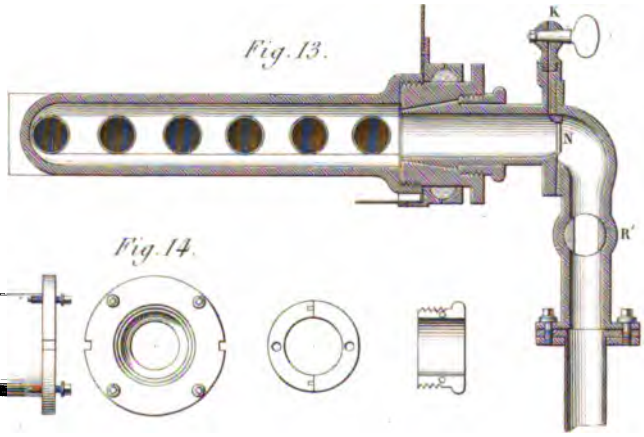

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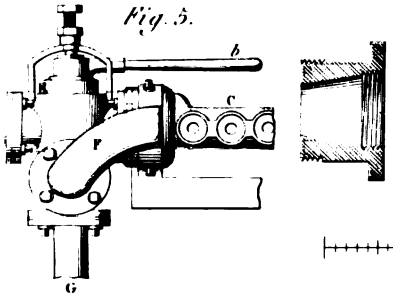

Fig. 14.

Echelle des Fig. 4. 5. 6. 7. 8. 13. 14 et 15.

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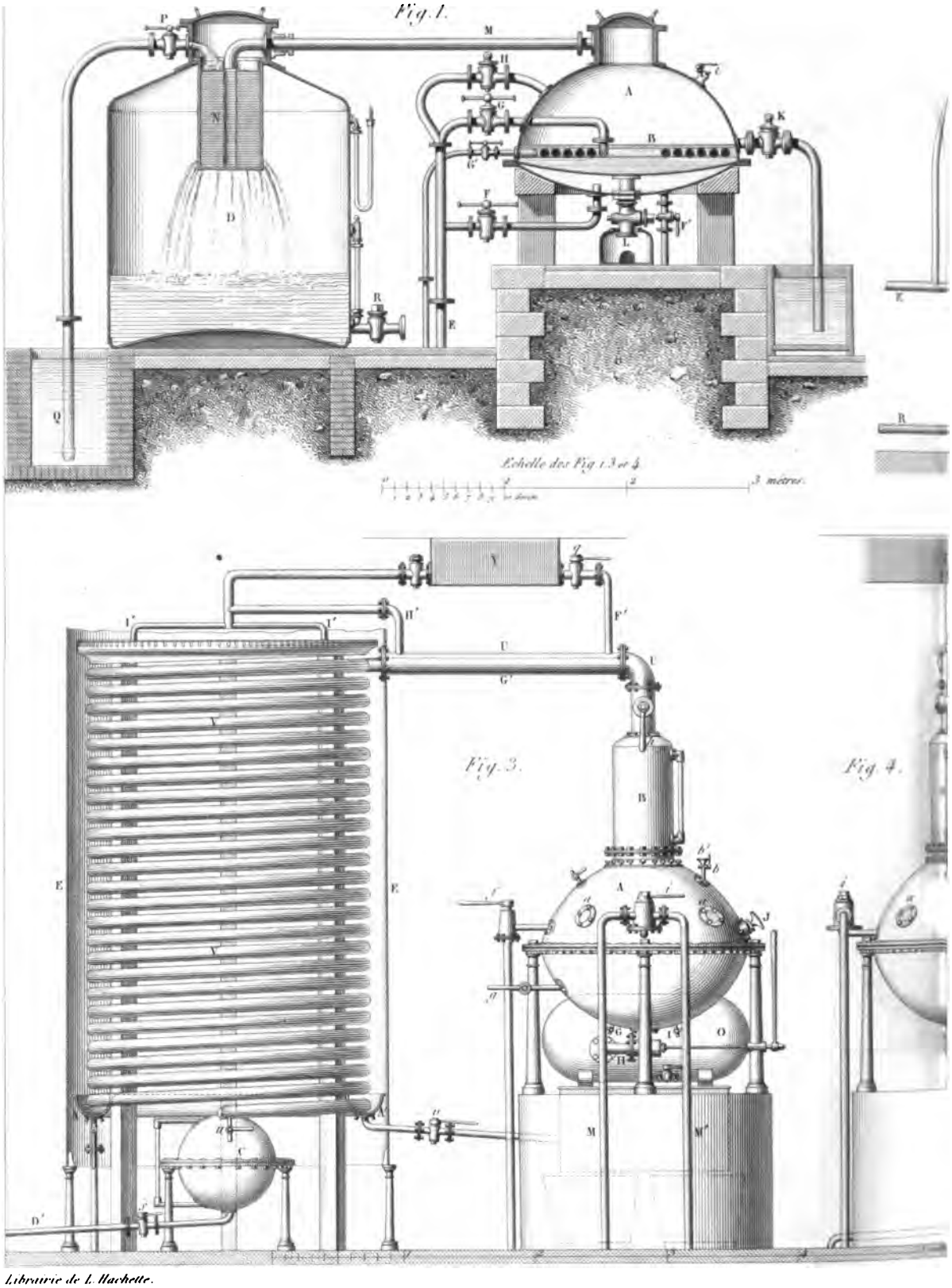

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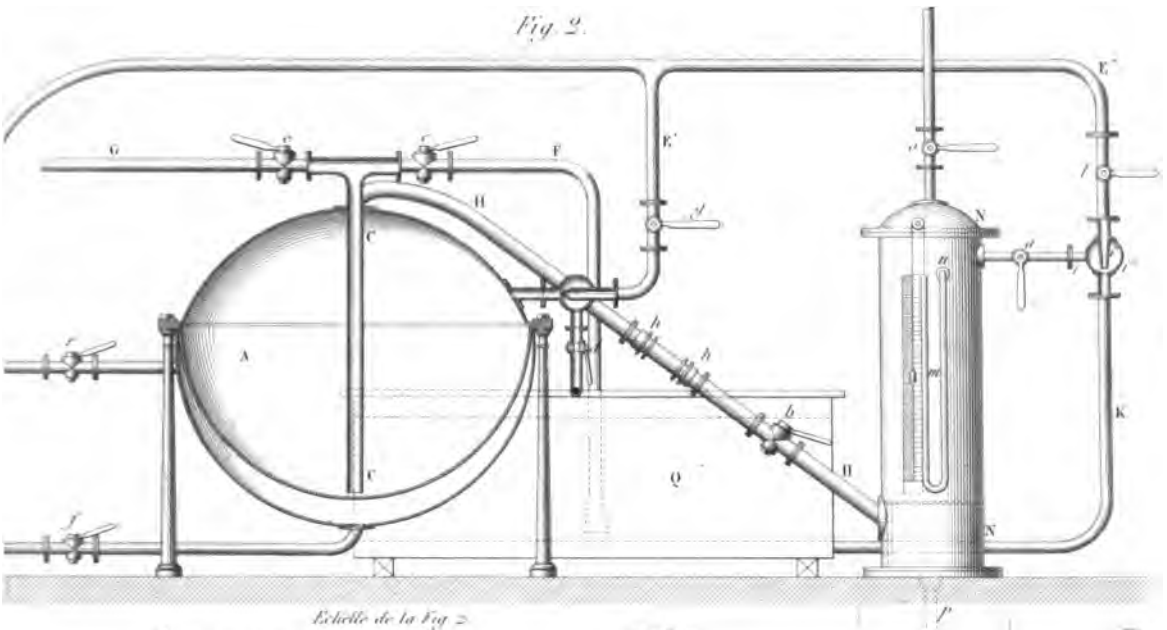

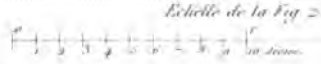

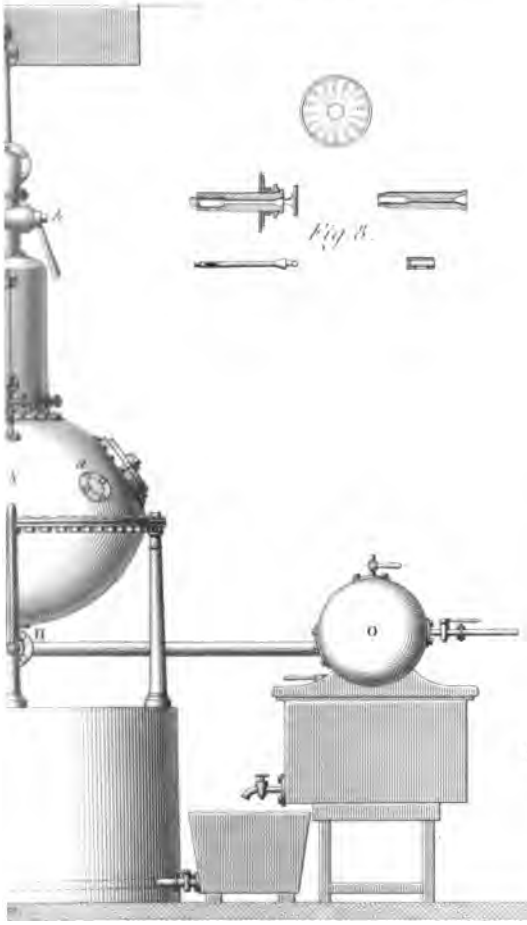

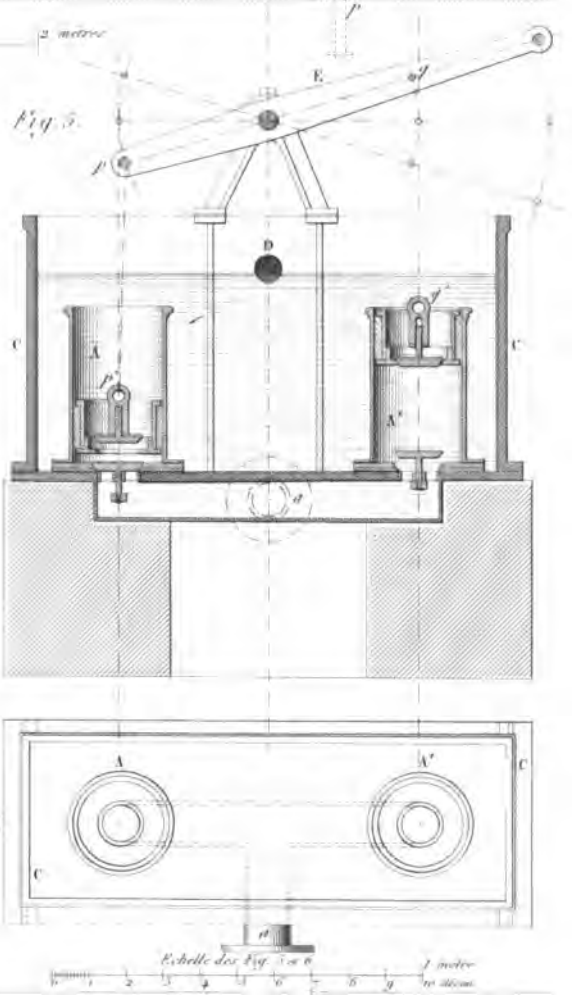

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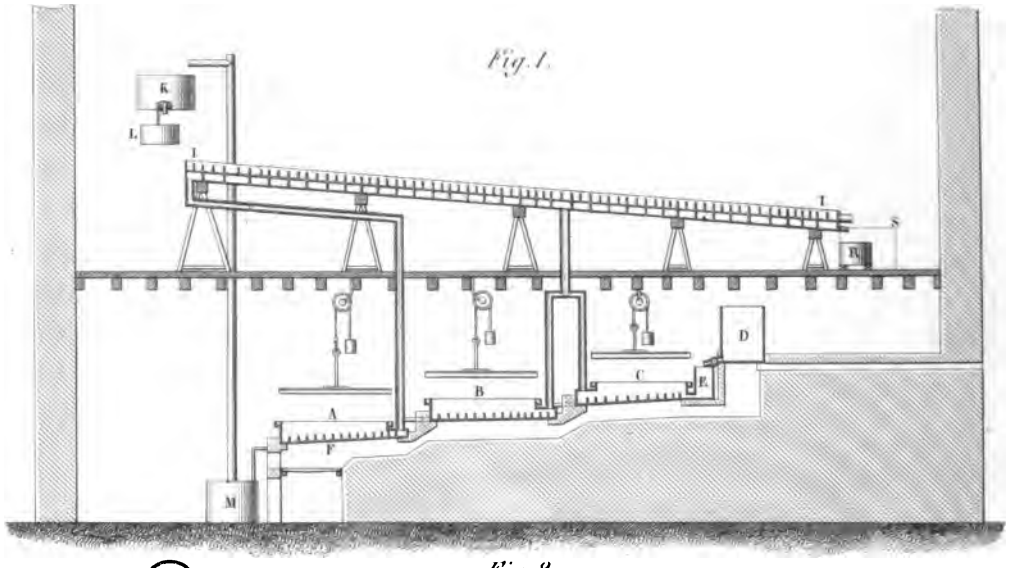

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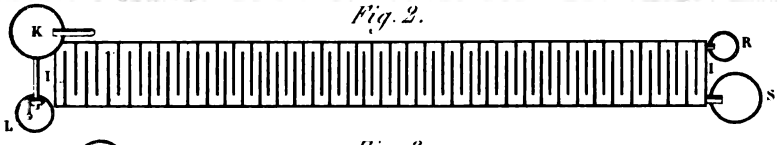

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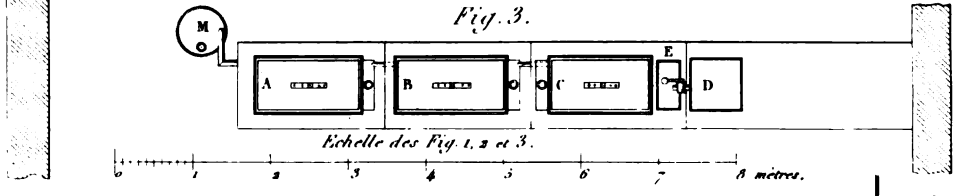

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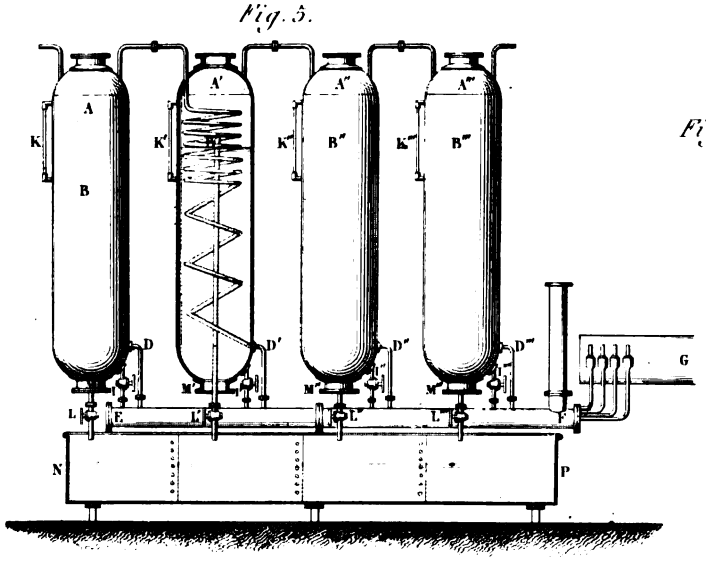

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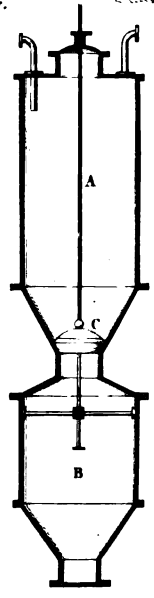

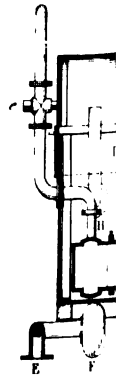

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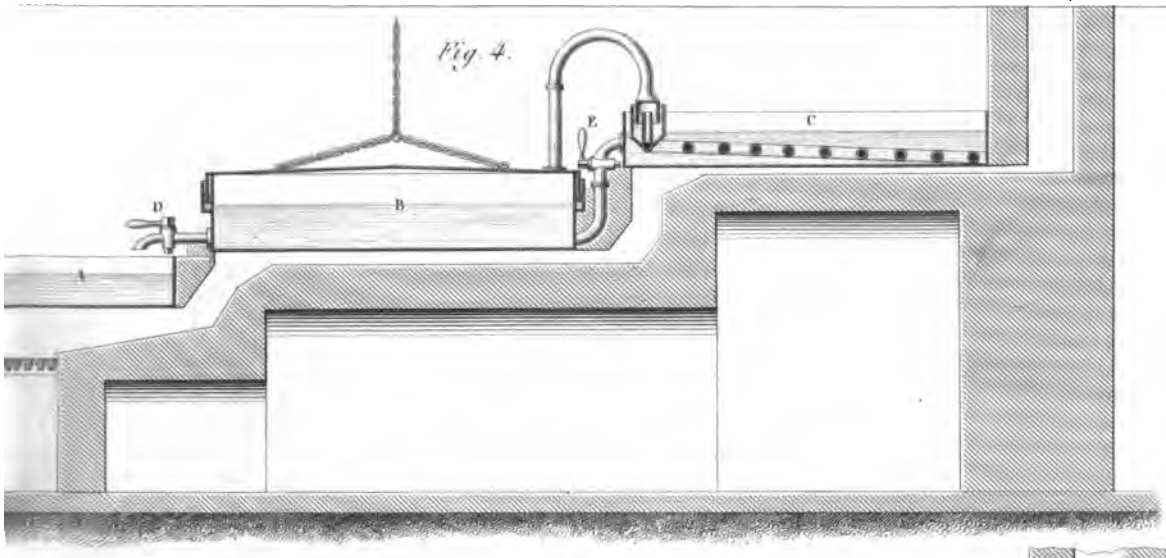

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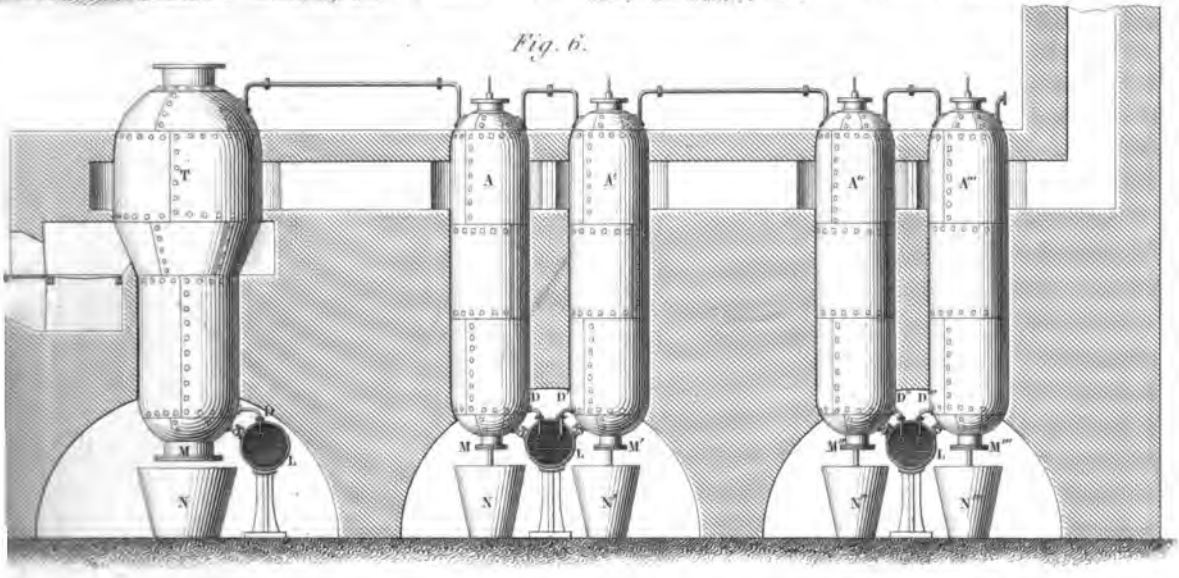

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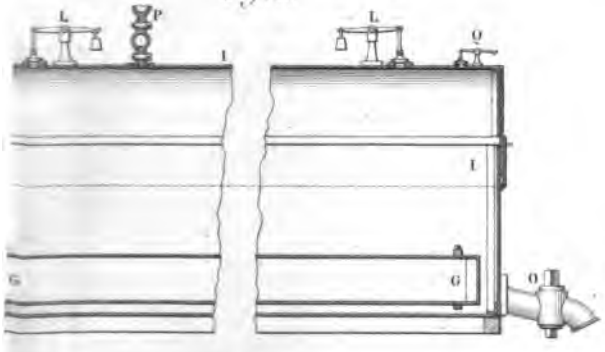

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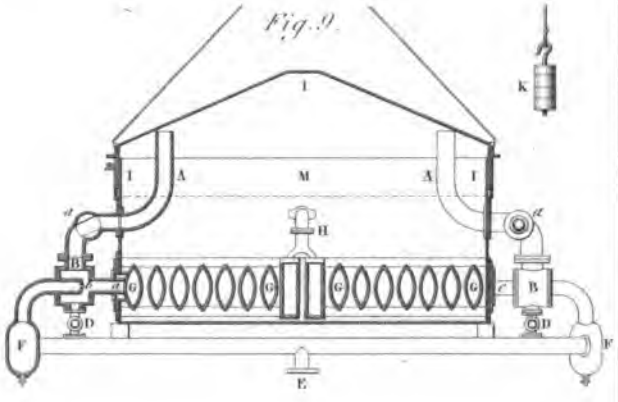

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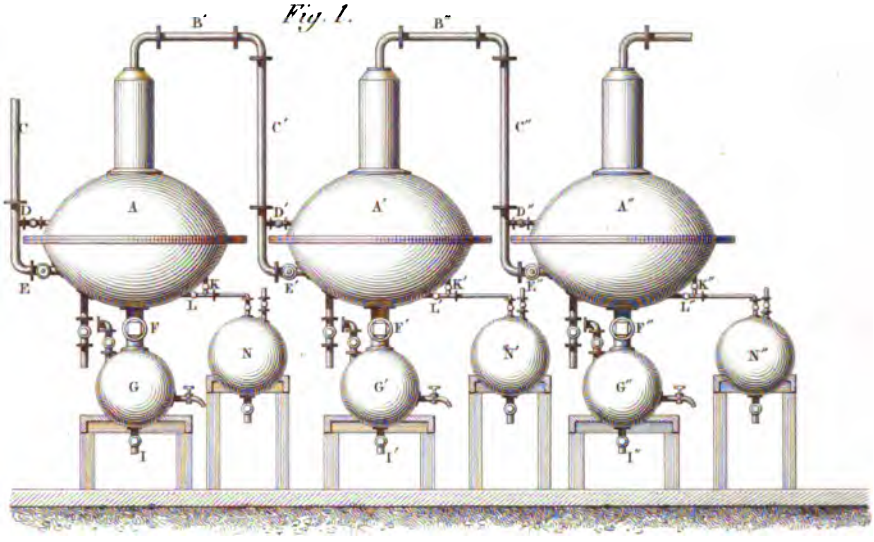

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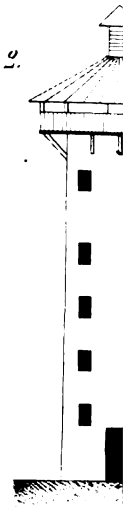

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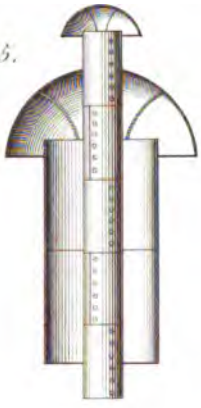
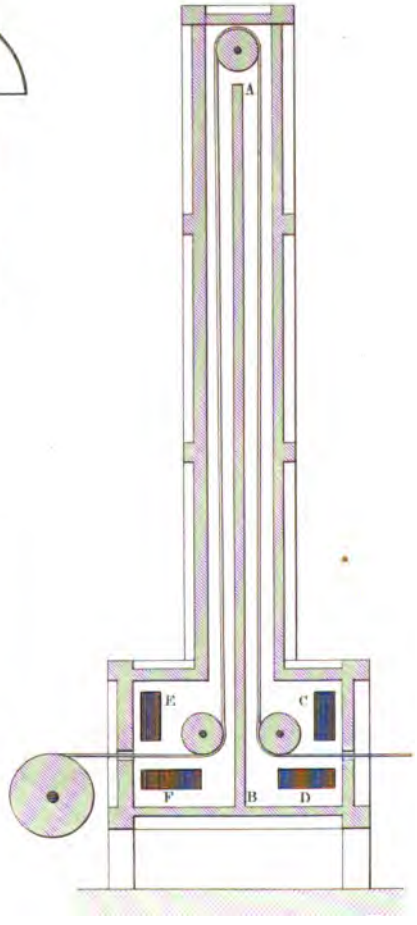


Fig. 9.



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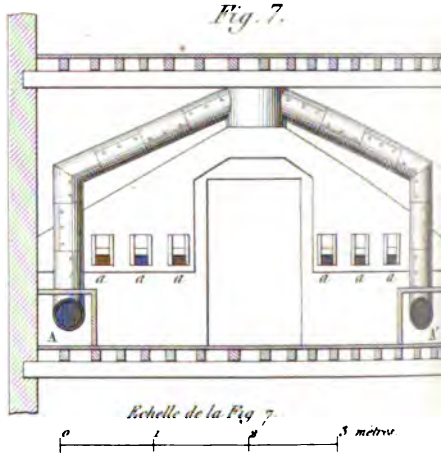

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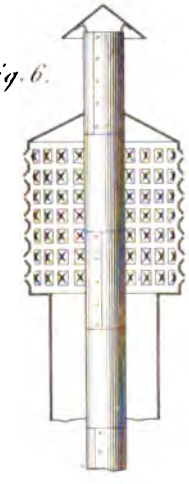

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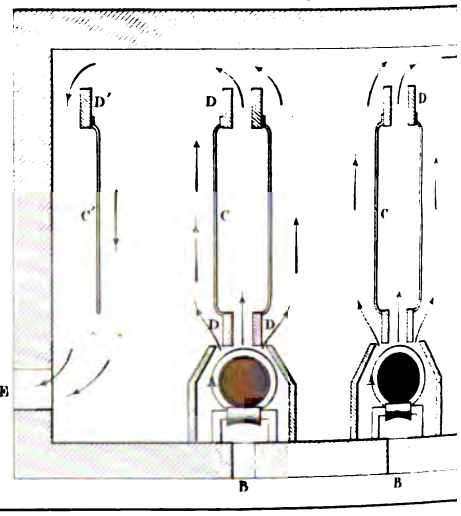

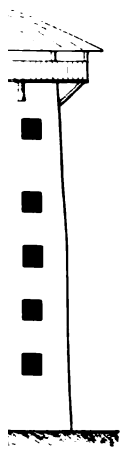

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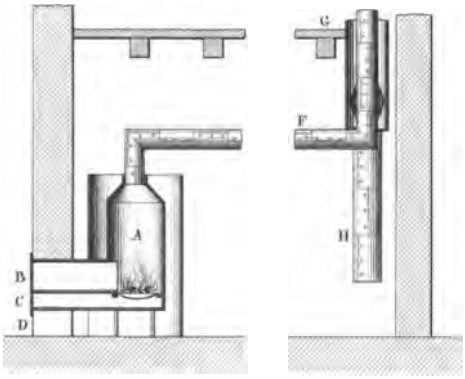

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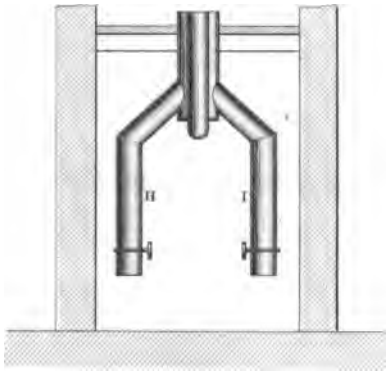

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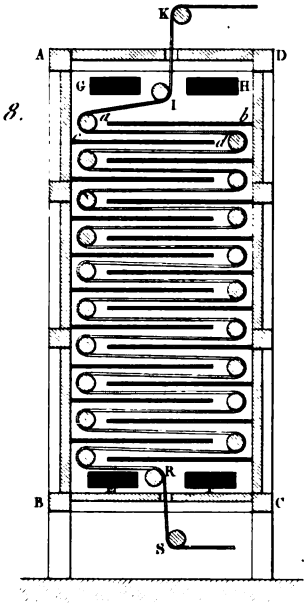

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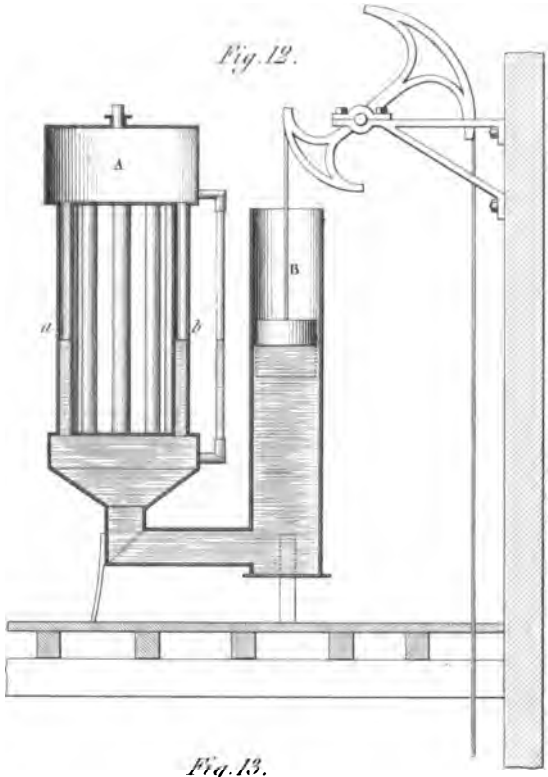

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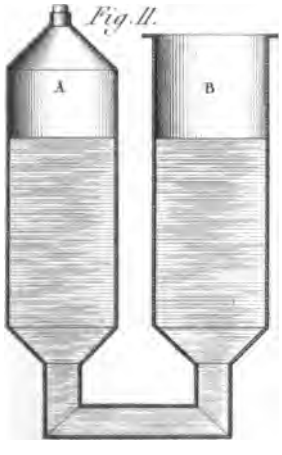

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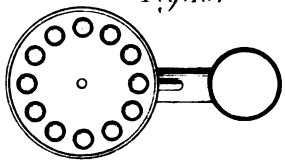

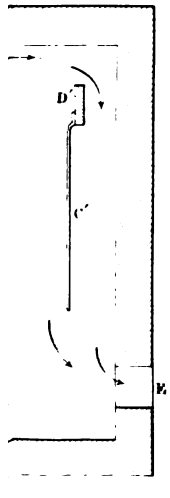

Gravé par Rous

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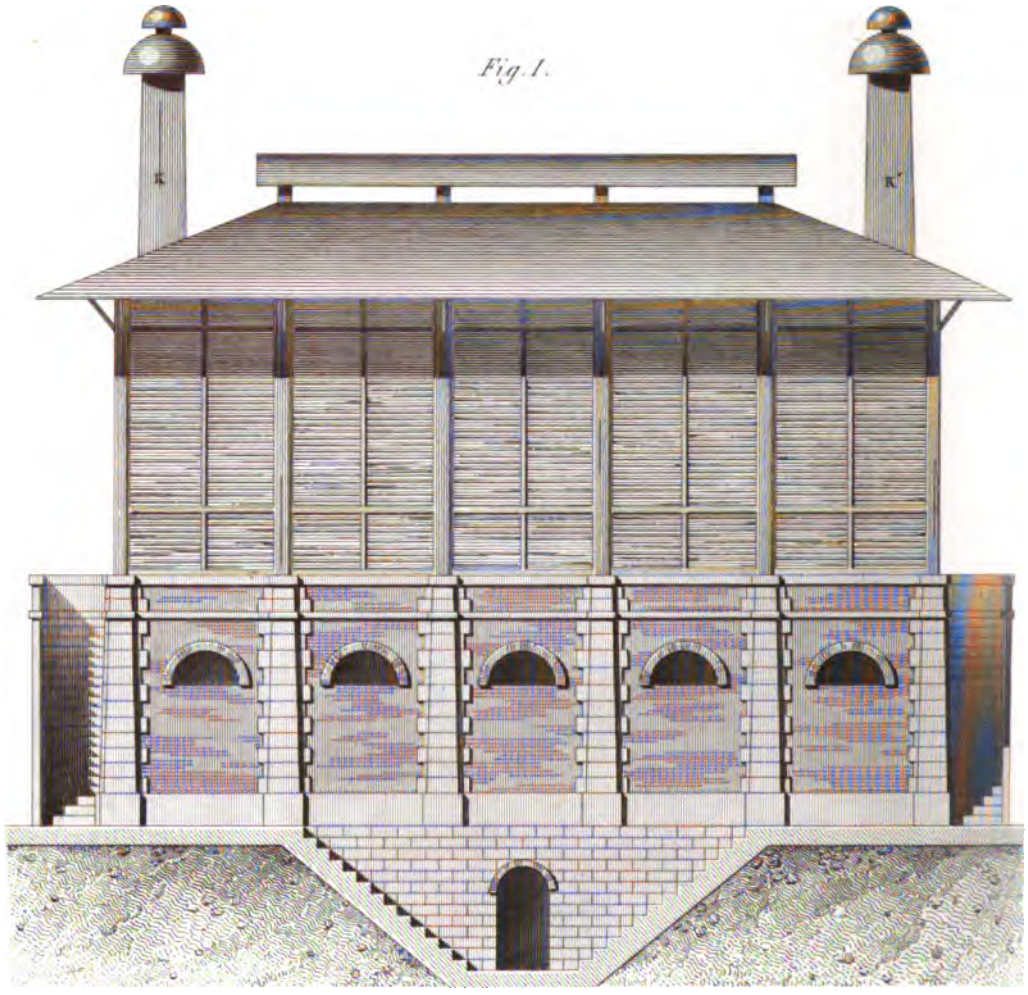

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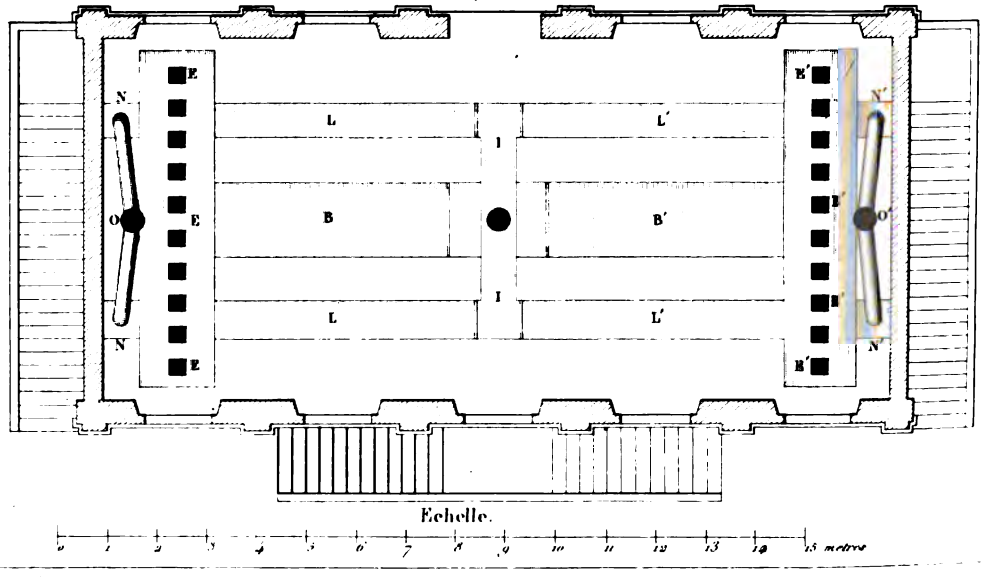

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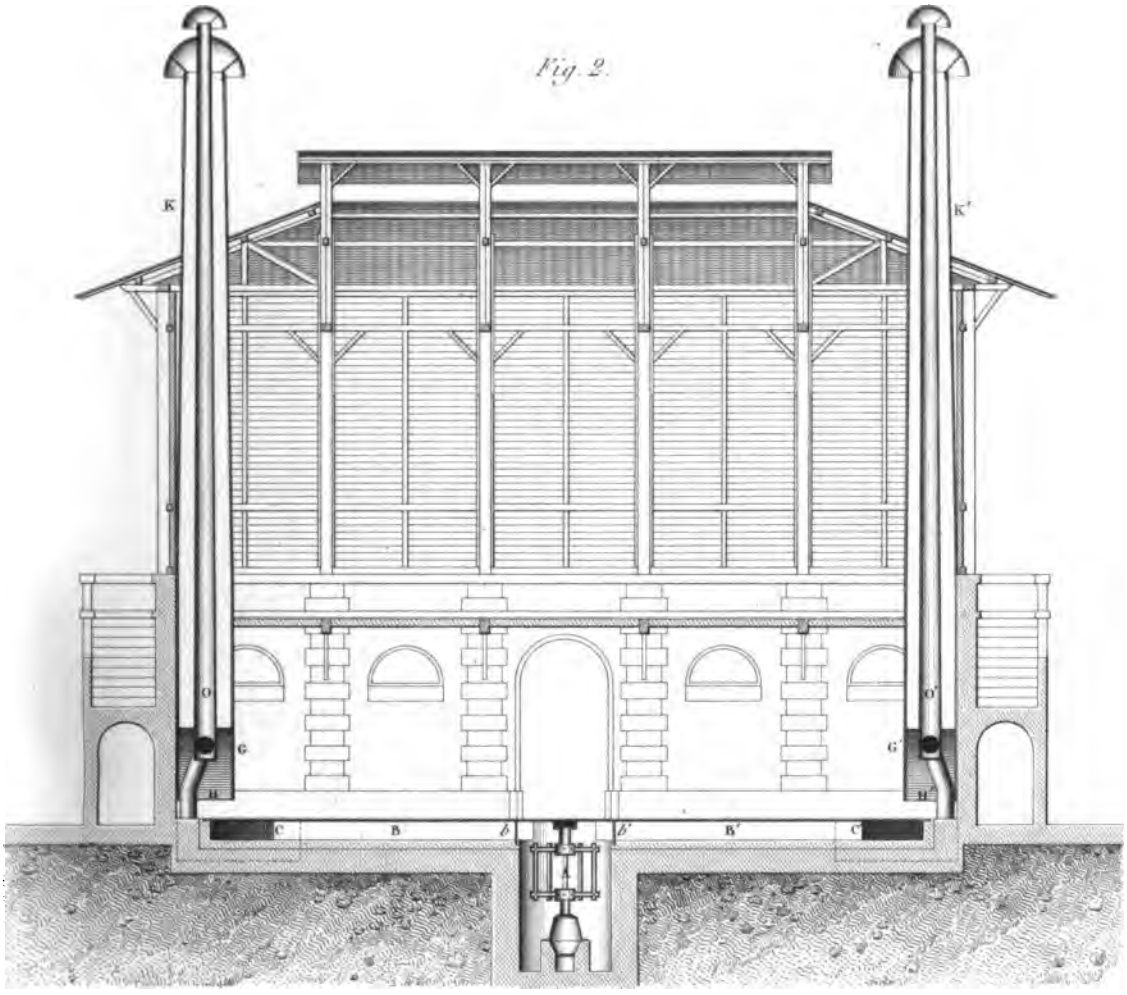

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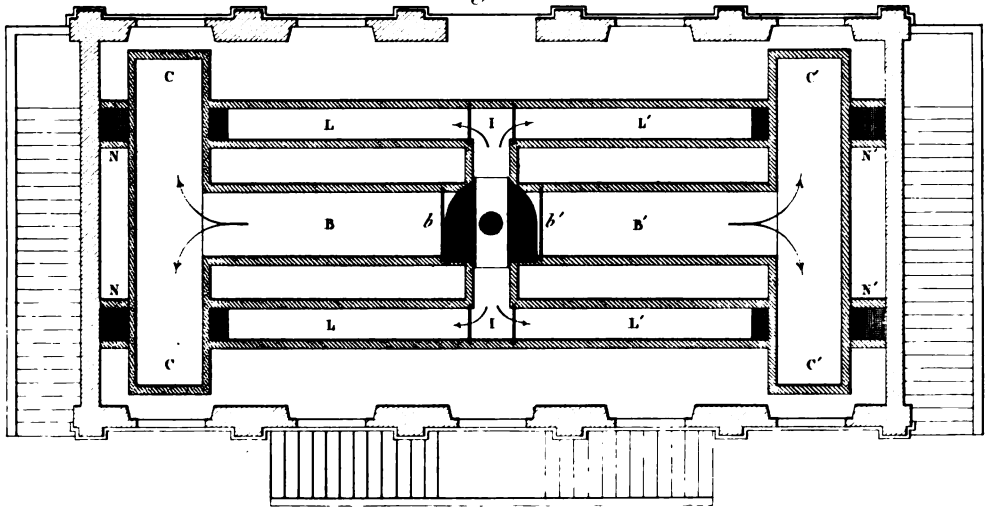

Gravé par L. Wormser.

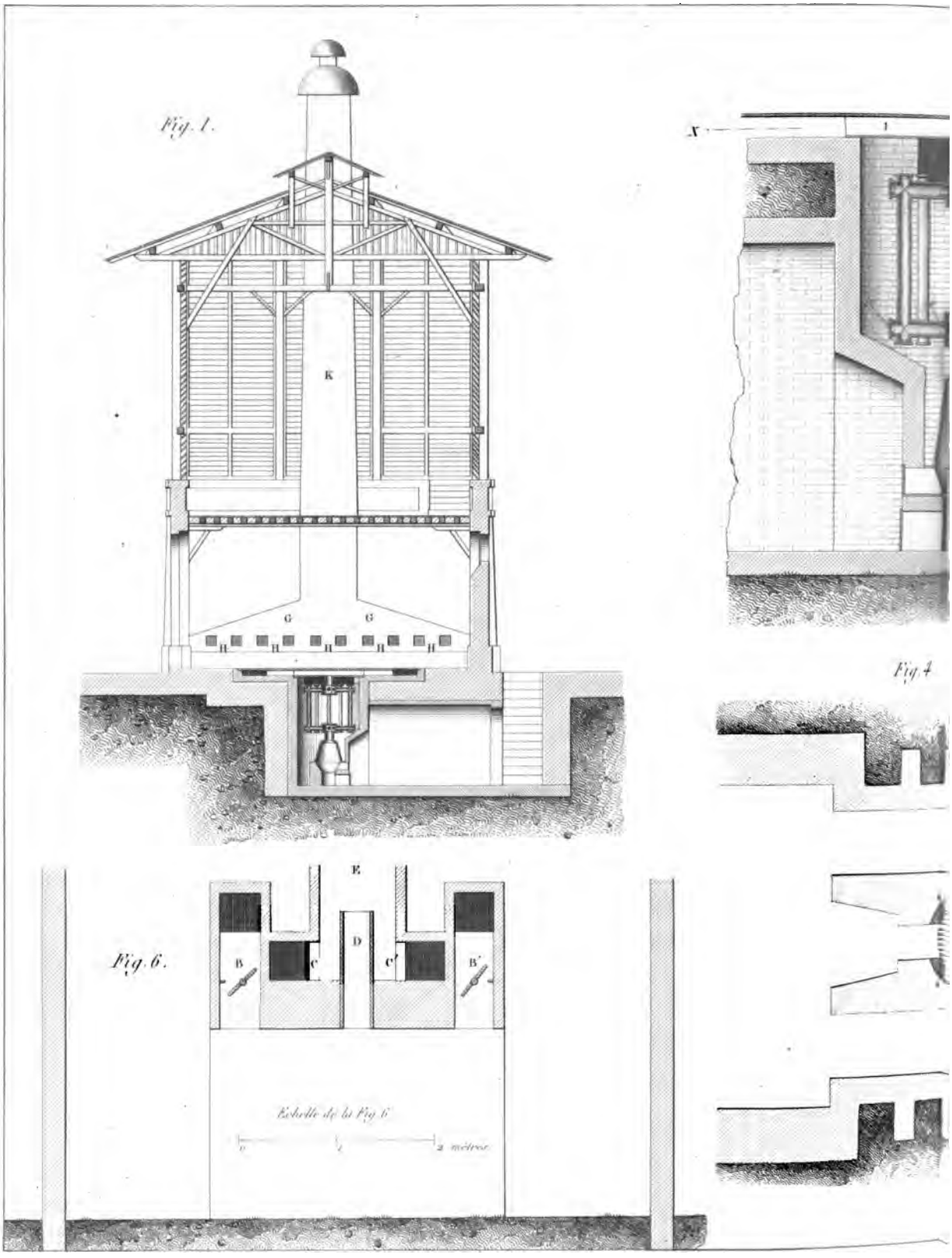
Fig. 1.
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Fig. 4
Fig. 6.
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C
C'
B'
Echelle de la Fig 6
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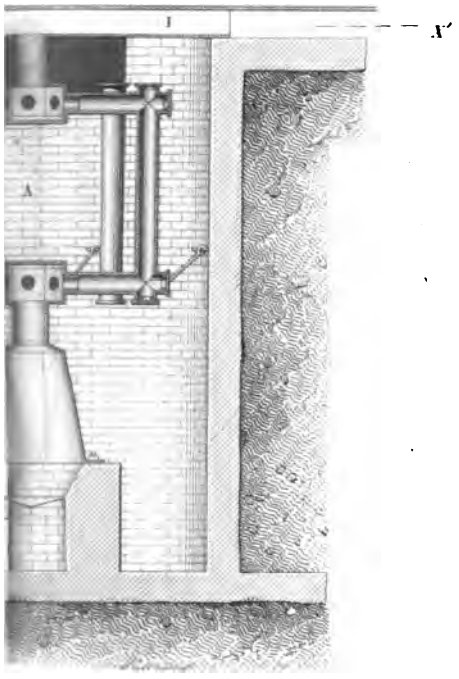
Fig. 2.



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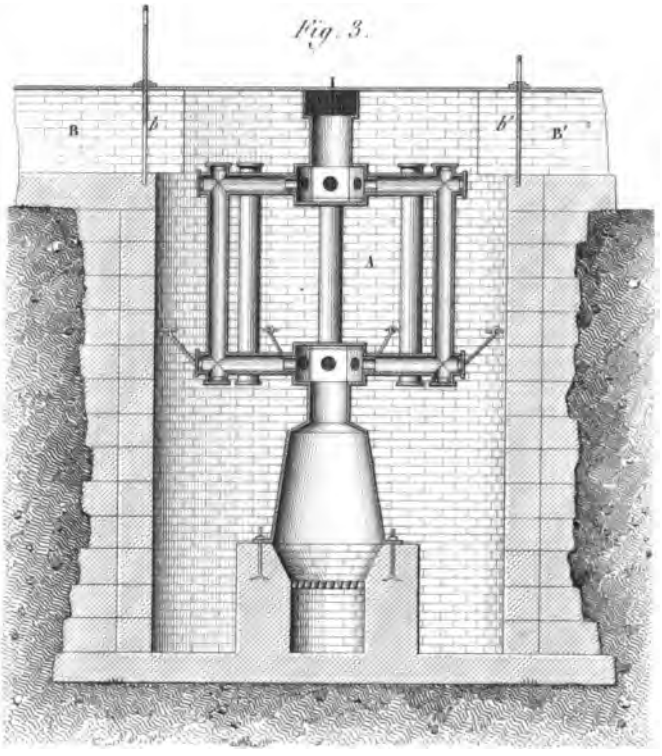

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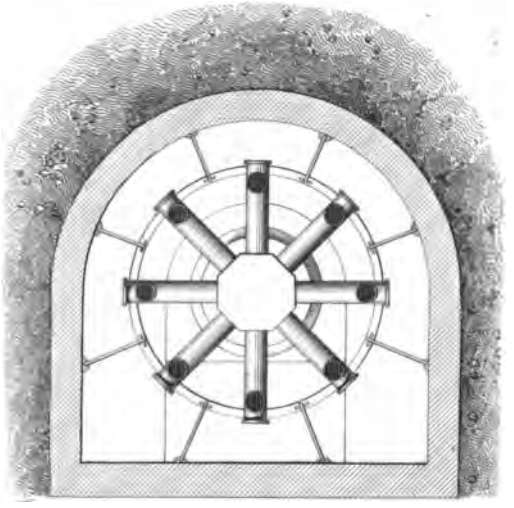

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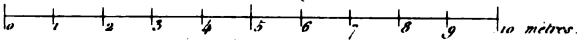
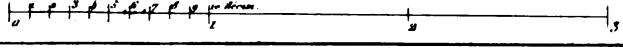


Echelle des Fig. 2, 3, 4 et 5.



Gravé par Rous.

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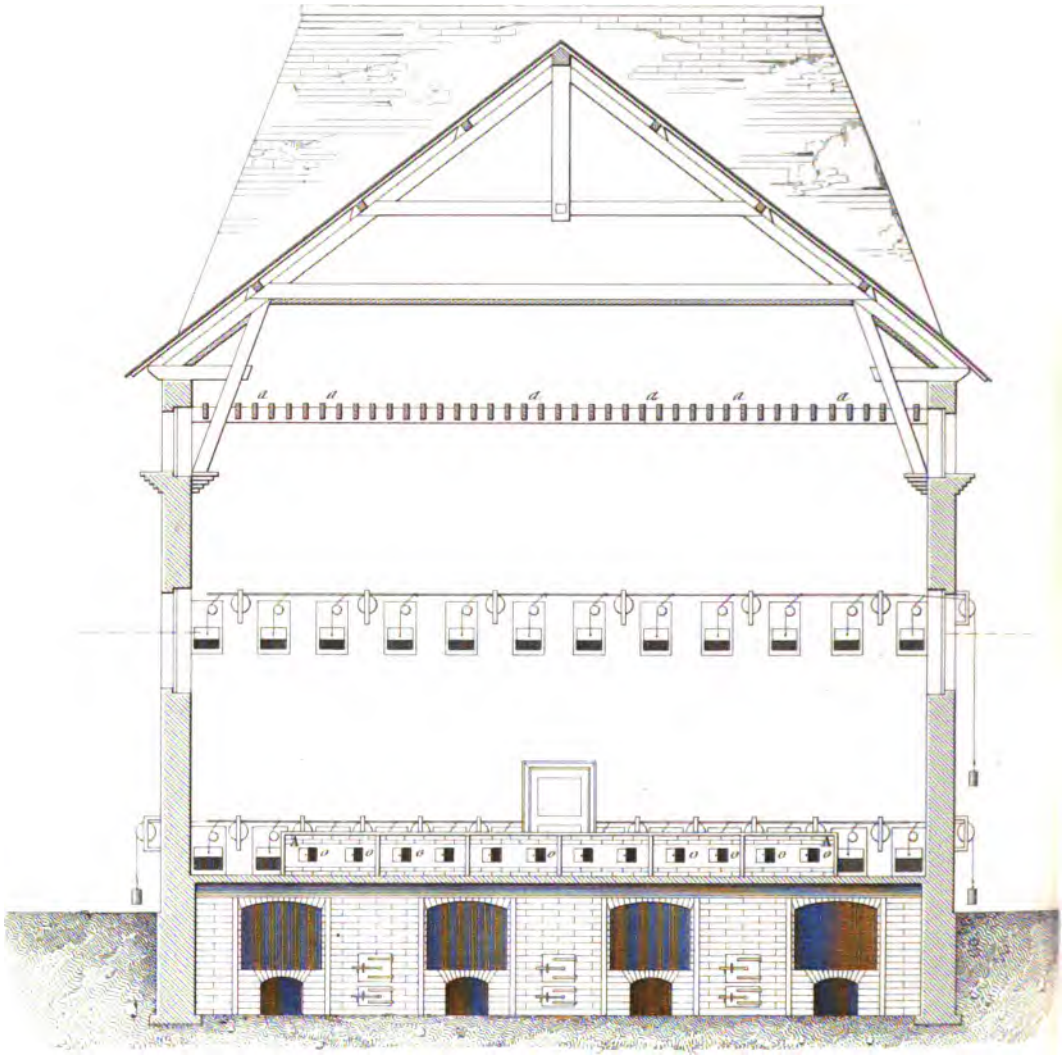

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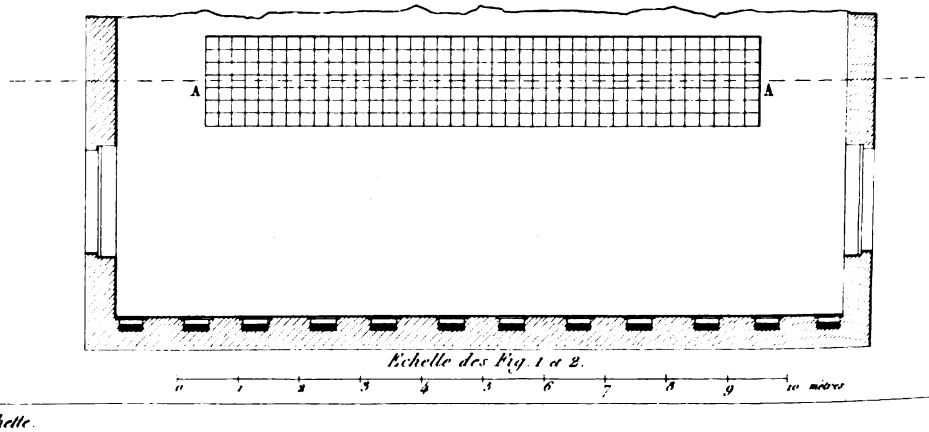

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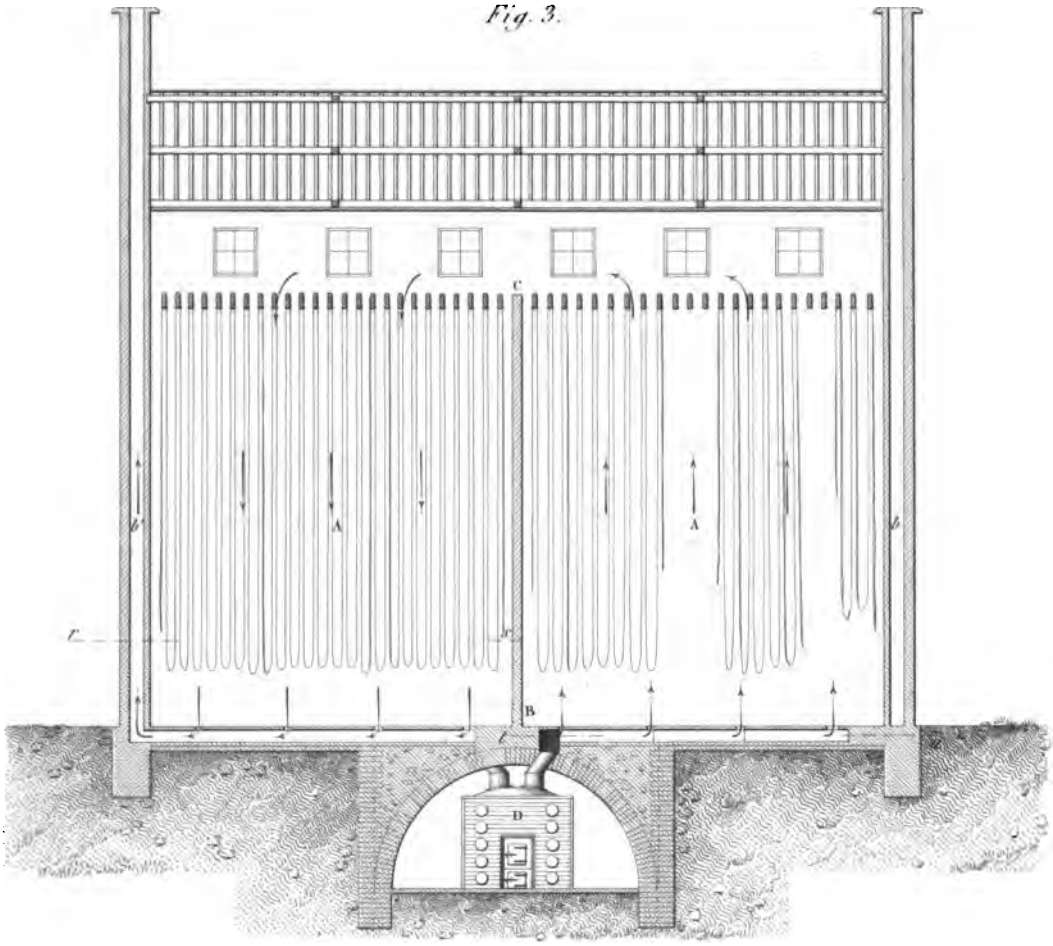

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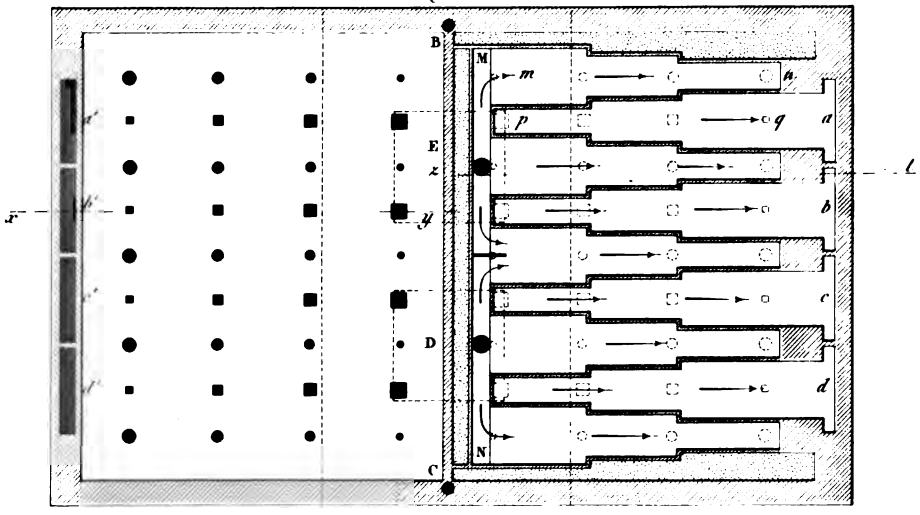
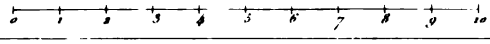
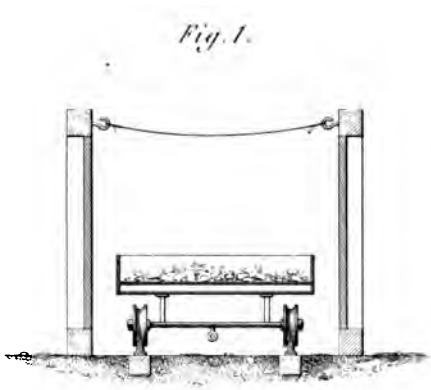


Echelle des Fig 3 et 4.



Gravé par K. Wirmser.



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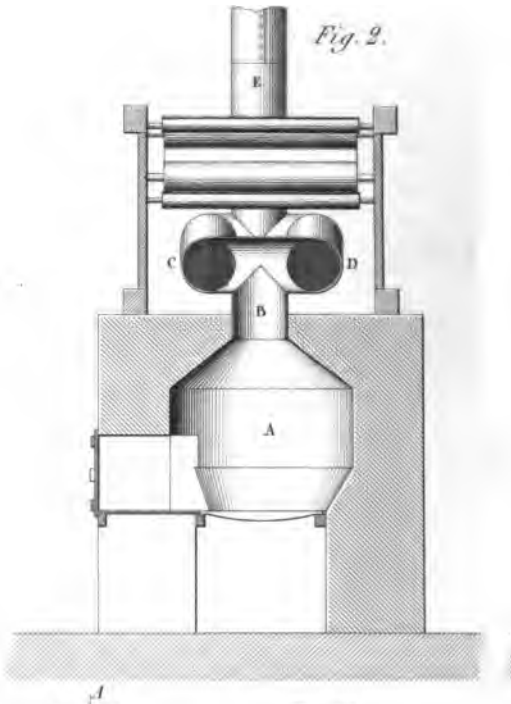

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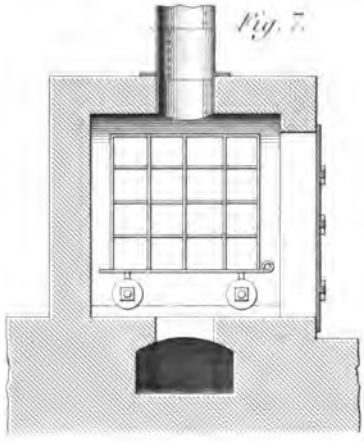

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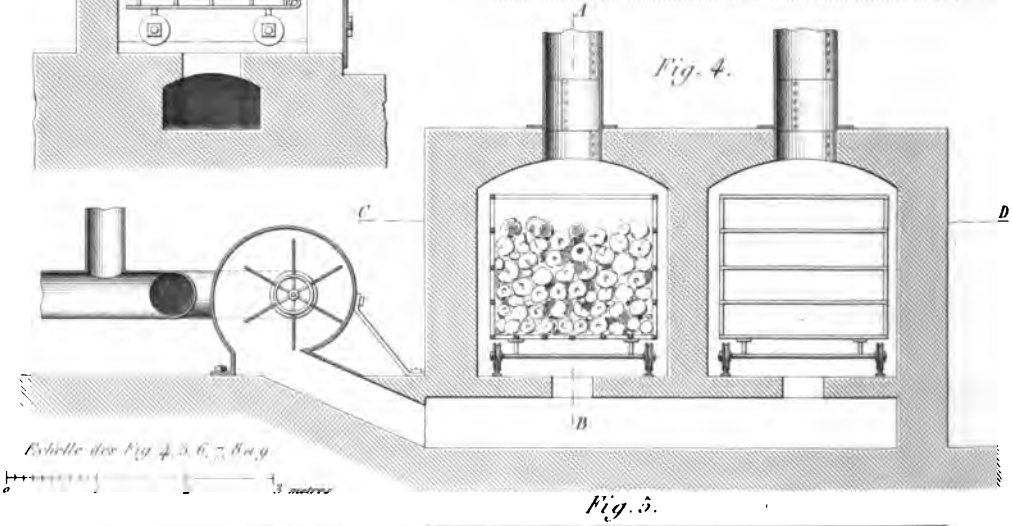

Fig. 4.

Échelle des Fig. 4, 5, 6, 7, 8 et 9

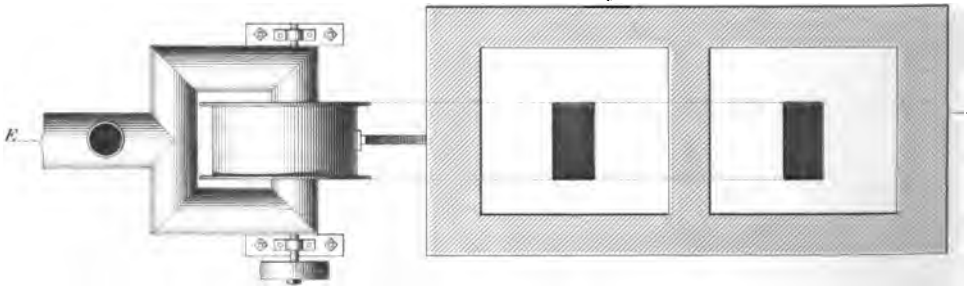

Fig. 5.

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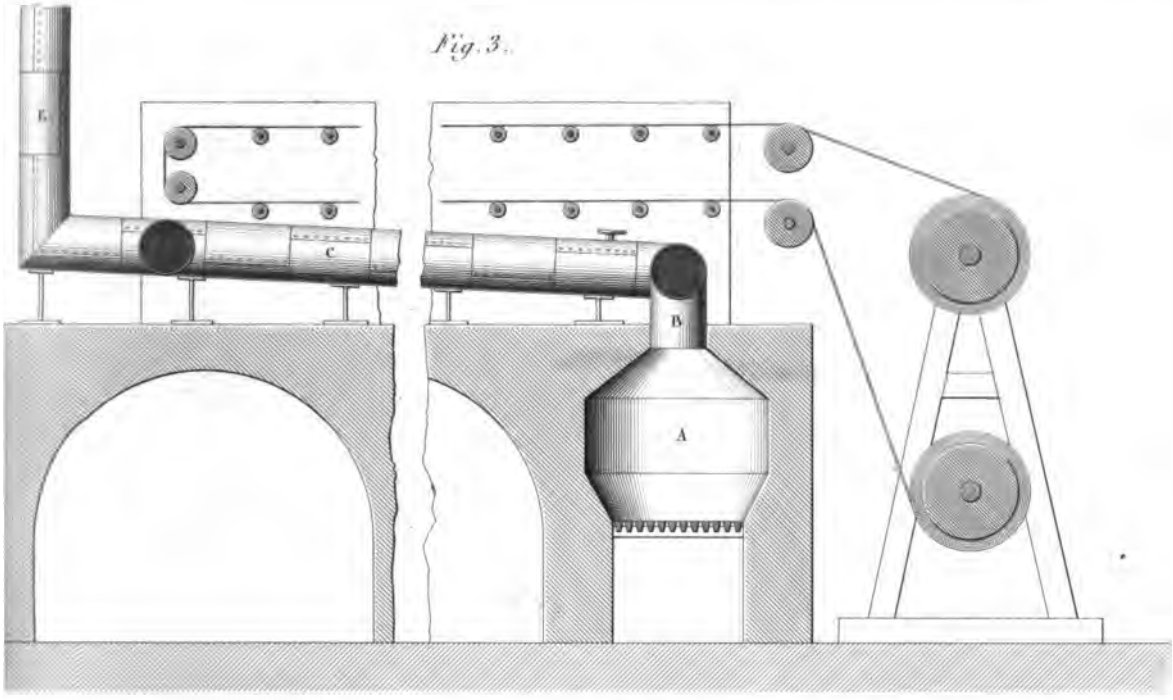

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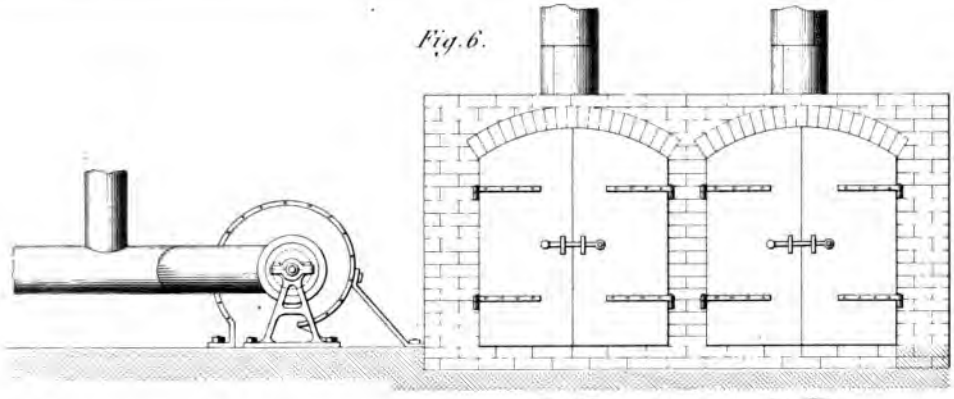

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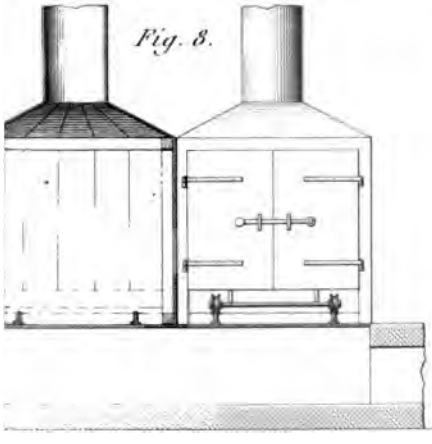

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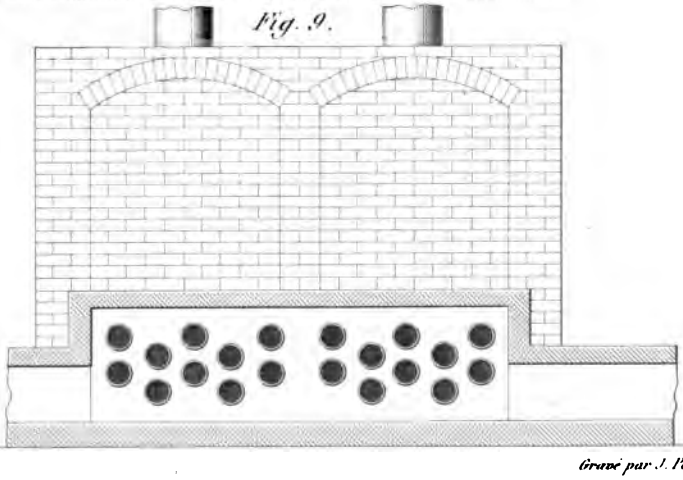
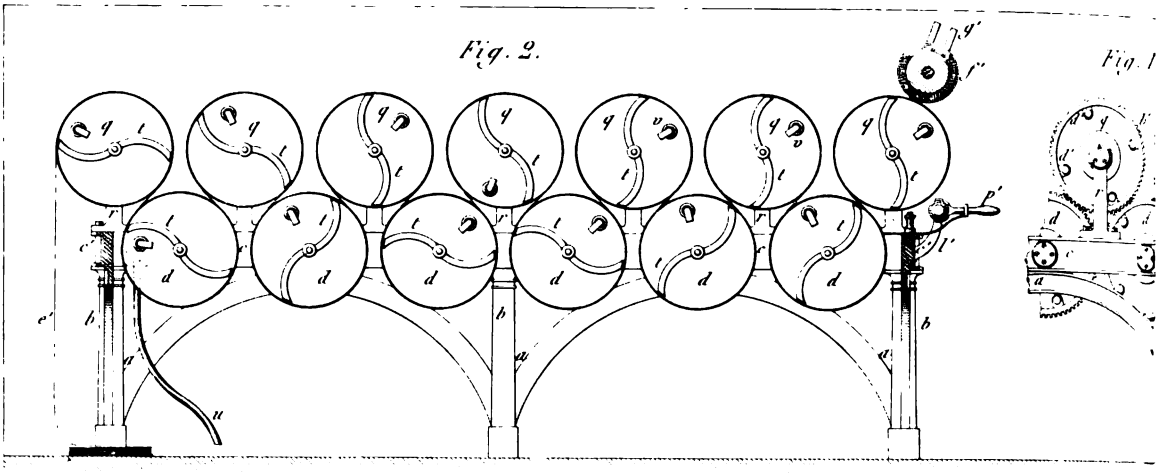
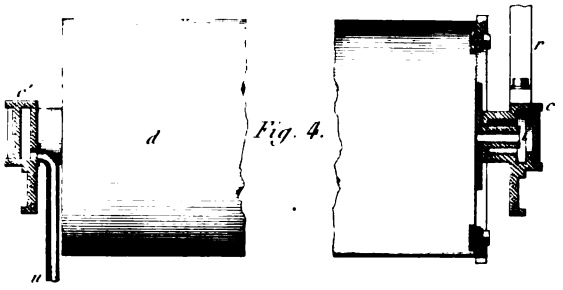
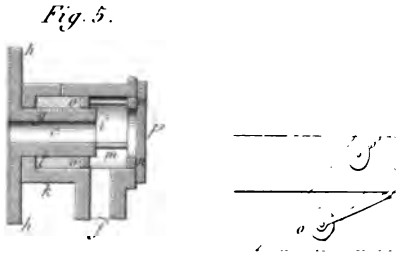
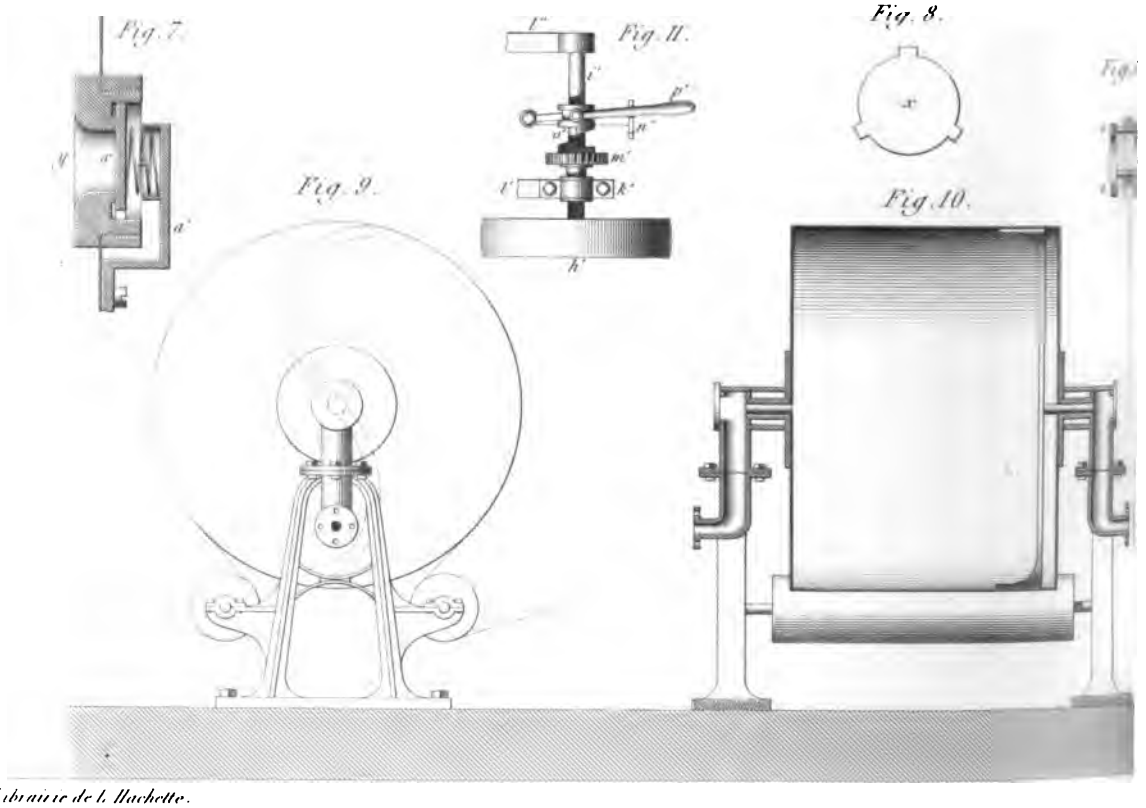


Gravé par J. Petitcolin

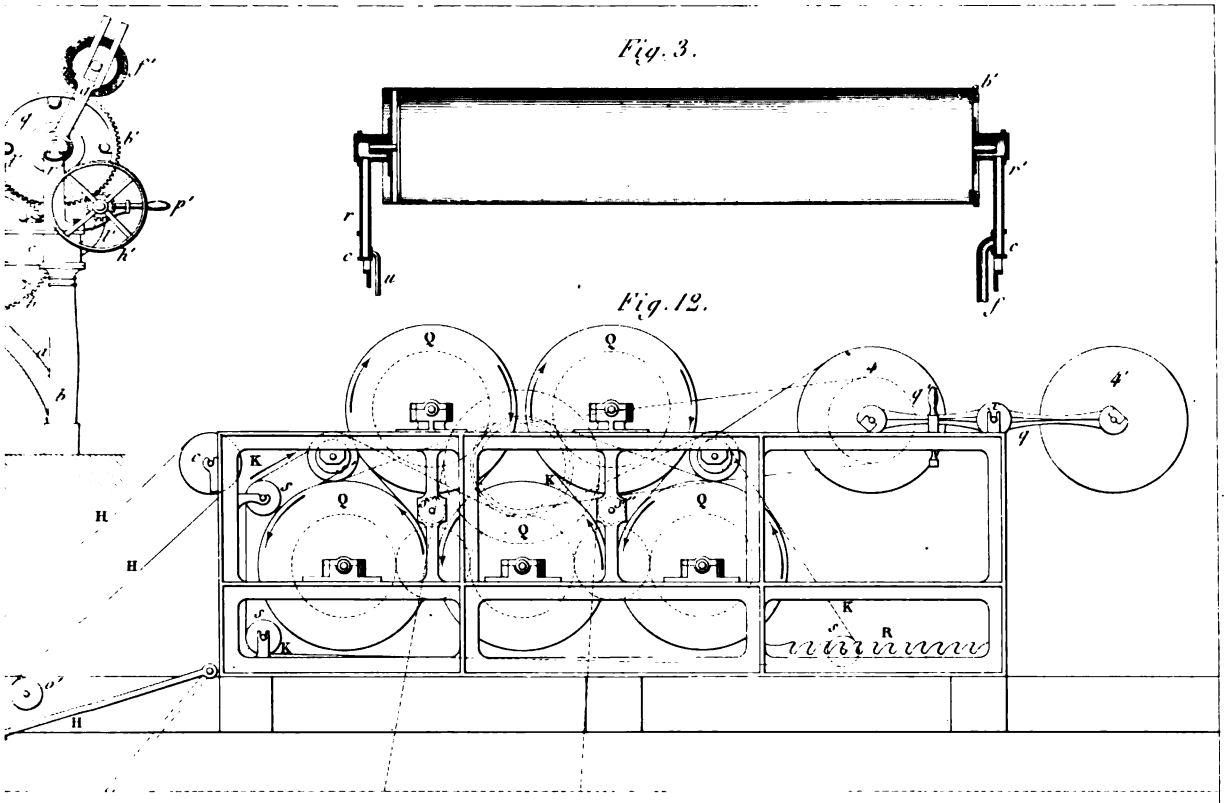


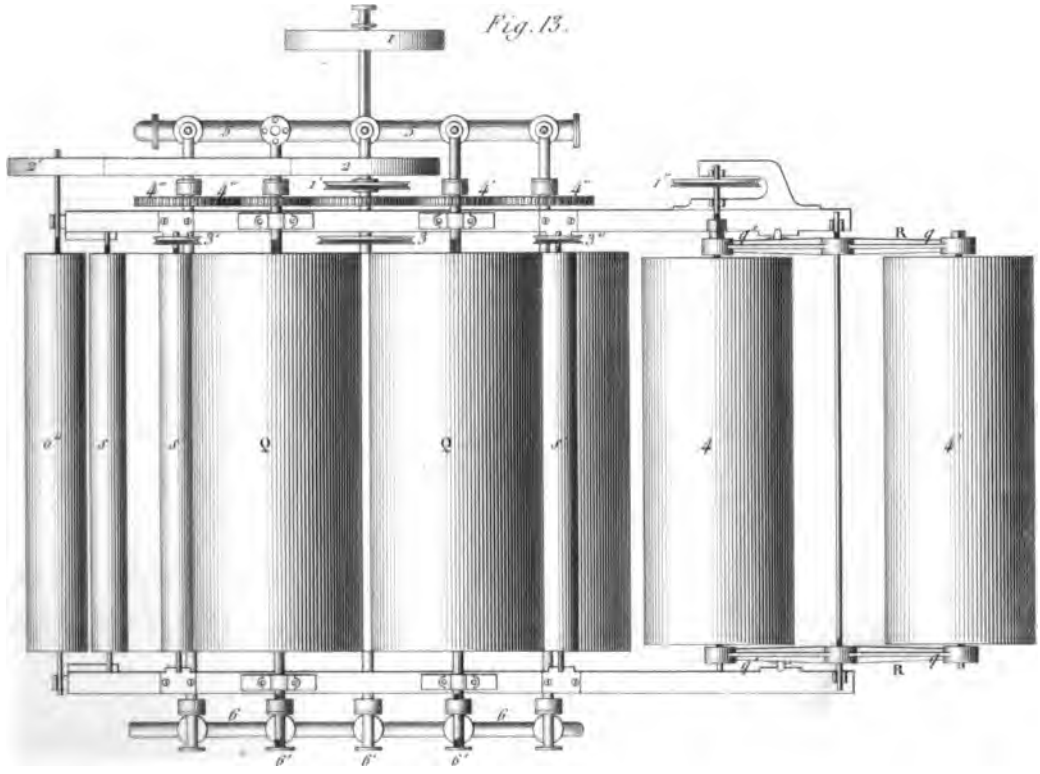






Librairie de L. Hachette.





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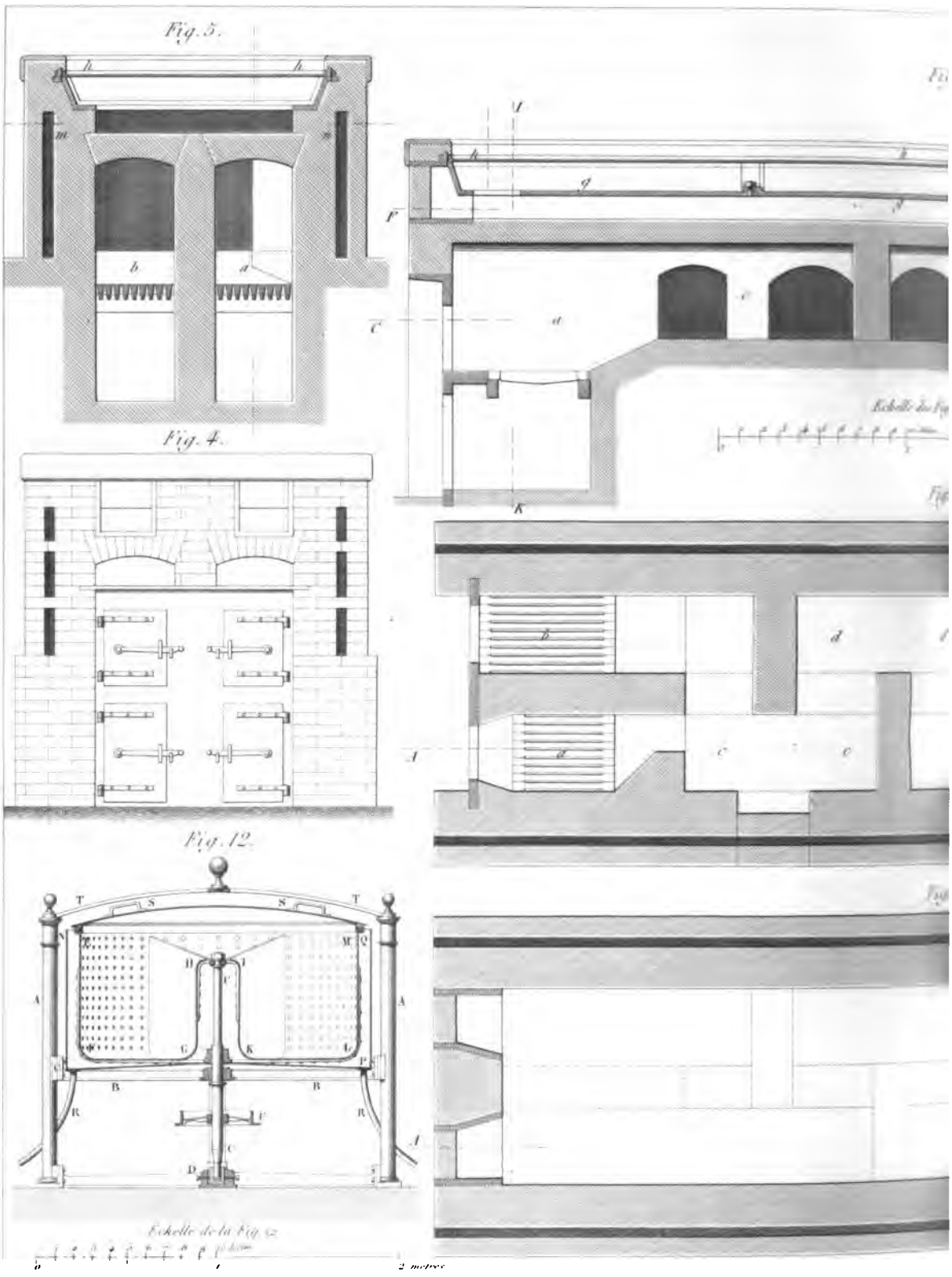
Fig. 3.
Fig. 4.
Fig. 12.
Échelle de la Fig. 12
2 mètres

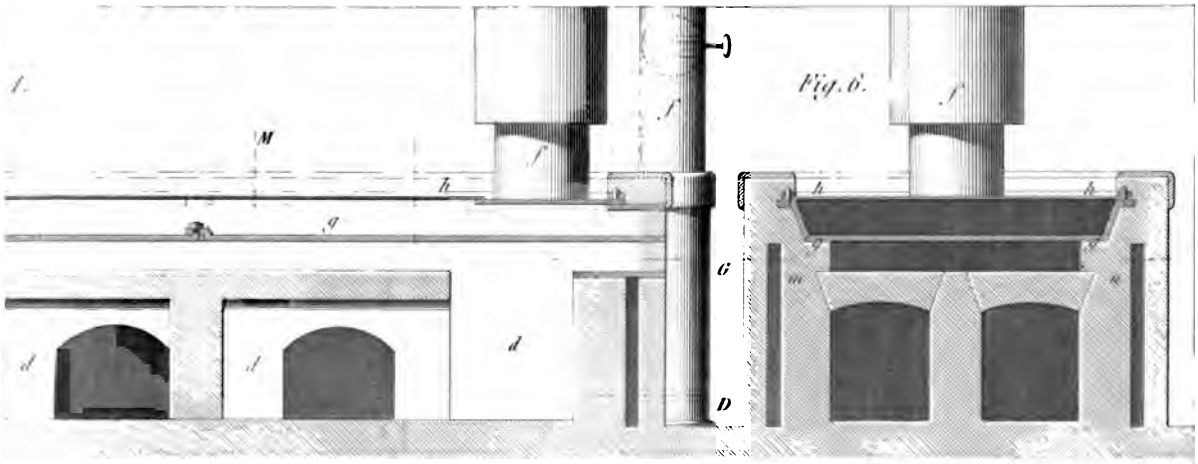

Fig. 6.

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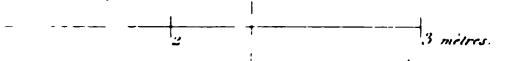

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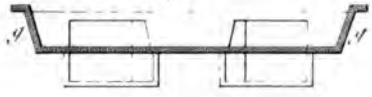

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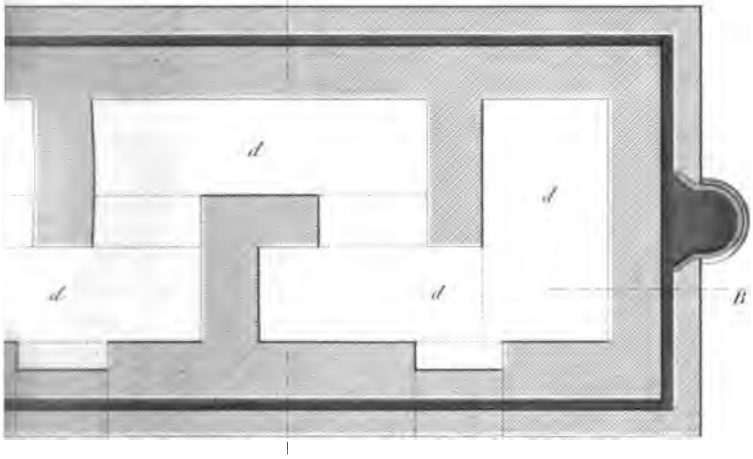

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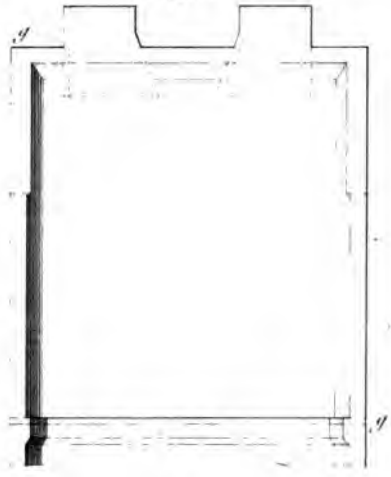

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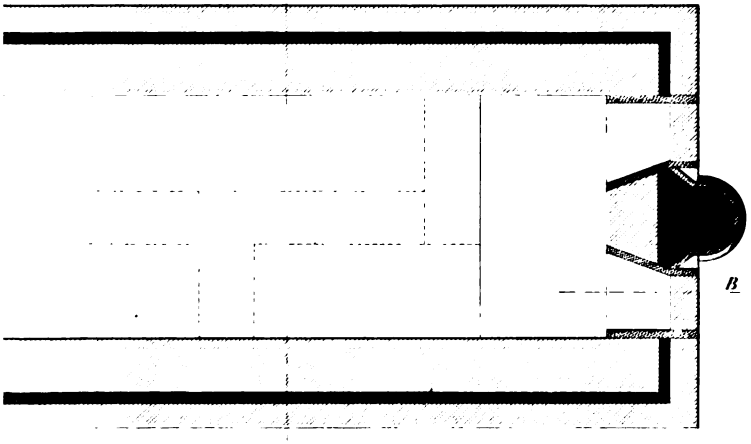

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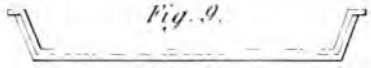

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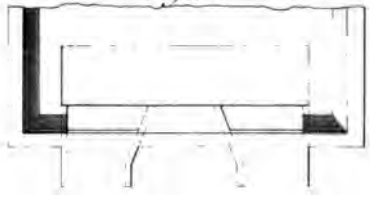

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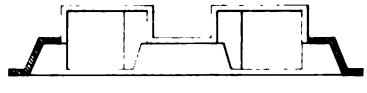
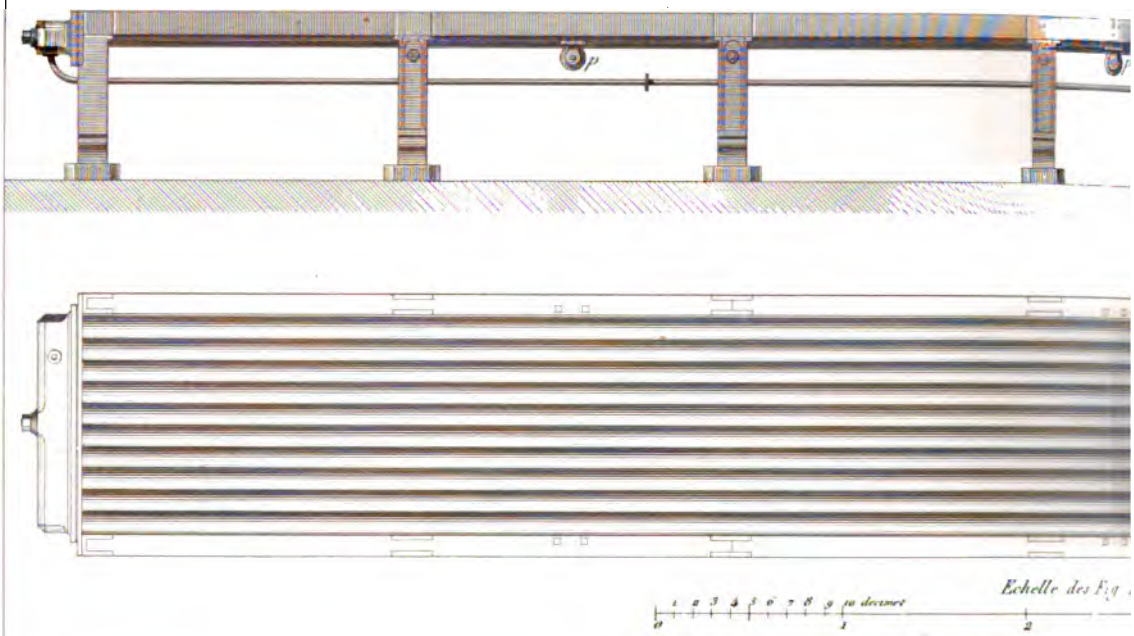


Gravé par E. Baumann.



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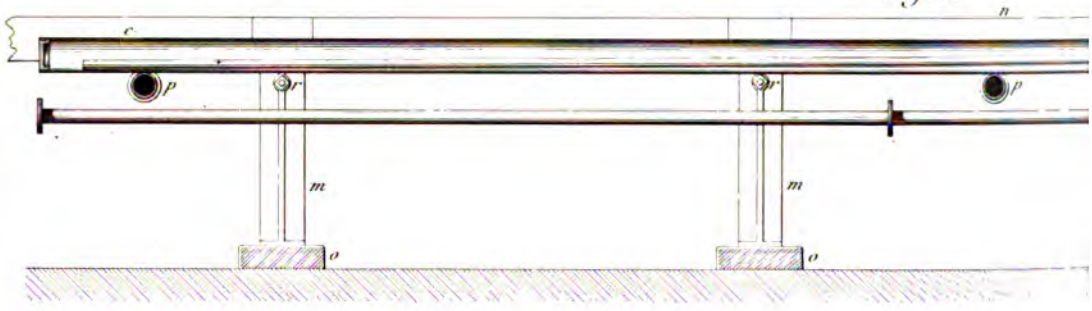

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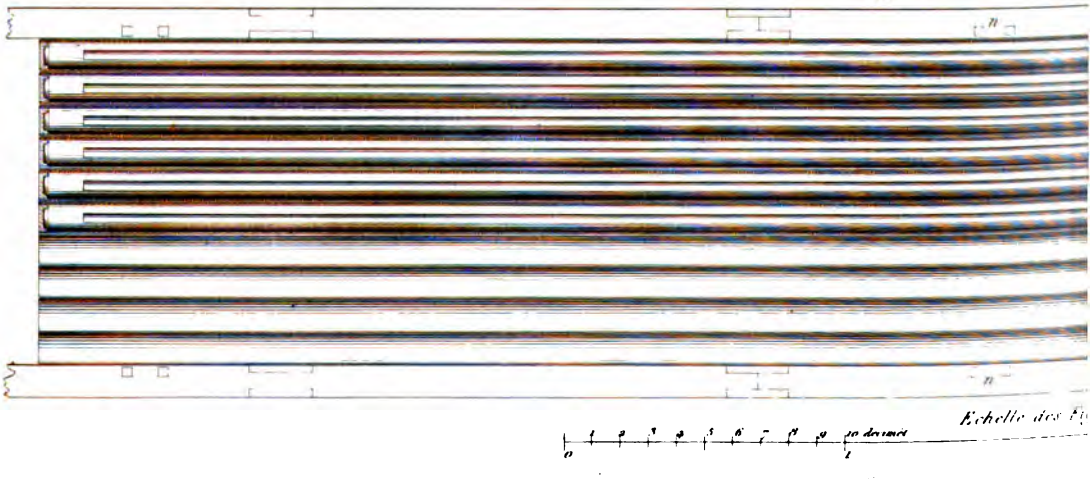

Librairie de L. Hachette.

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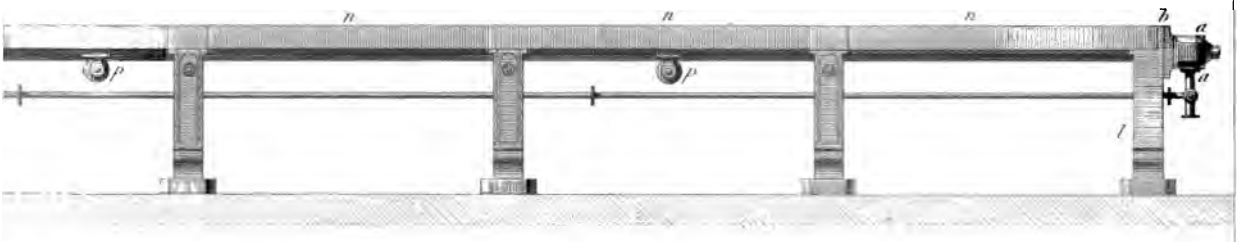

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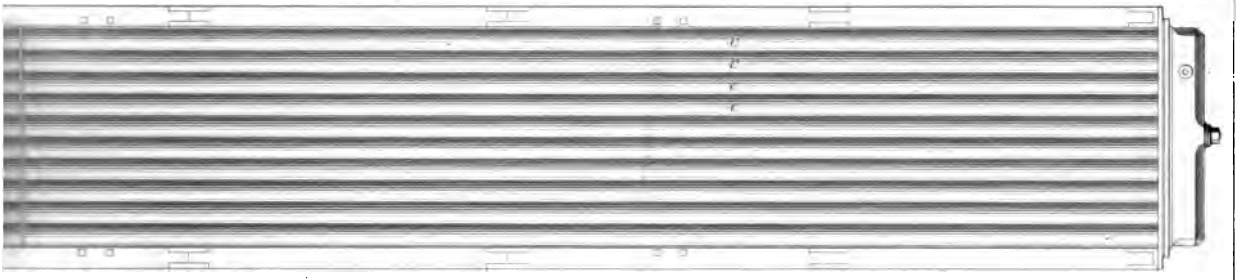

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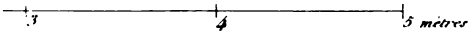

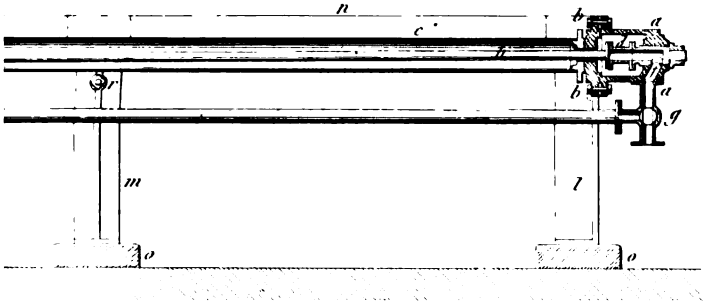

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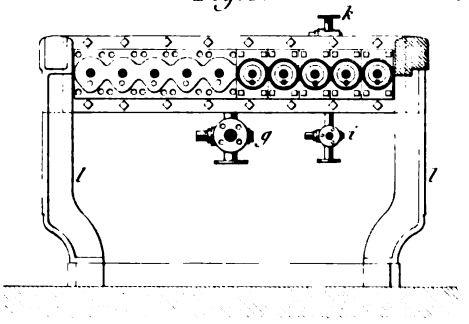

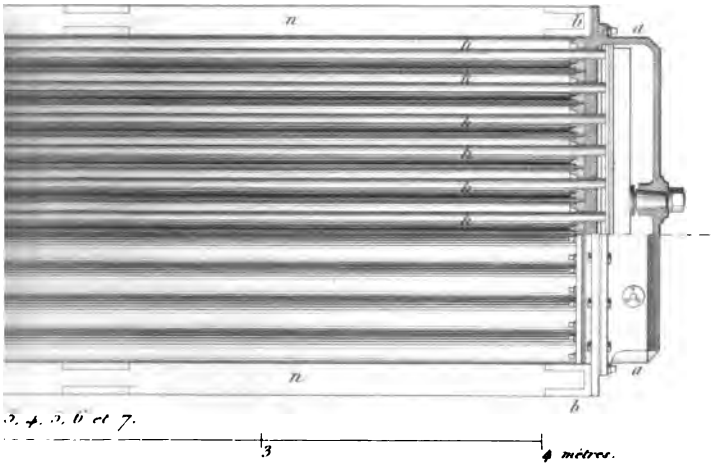

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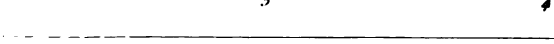

Fig. 6.

Fig. 7.

Fig. 8.

Gravé par J. Pelticolin.

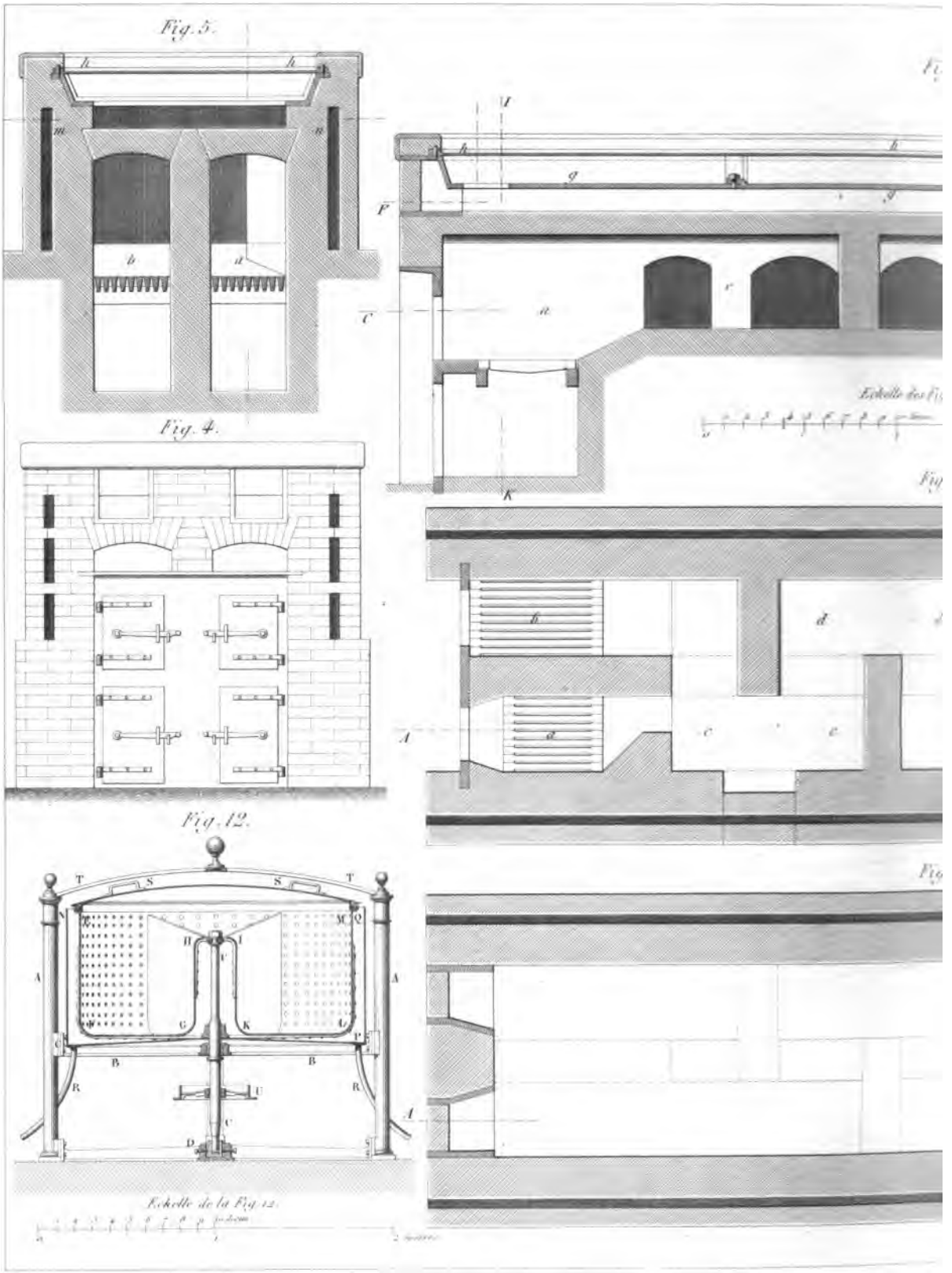
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Fig. 4.
Fig. 12.
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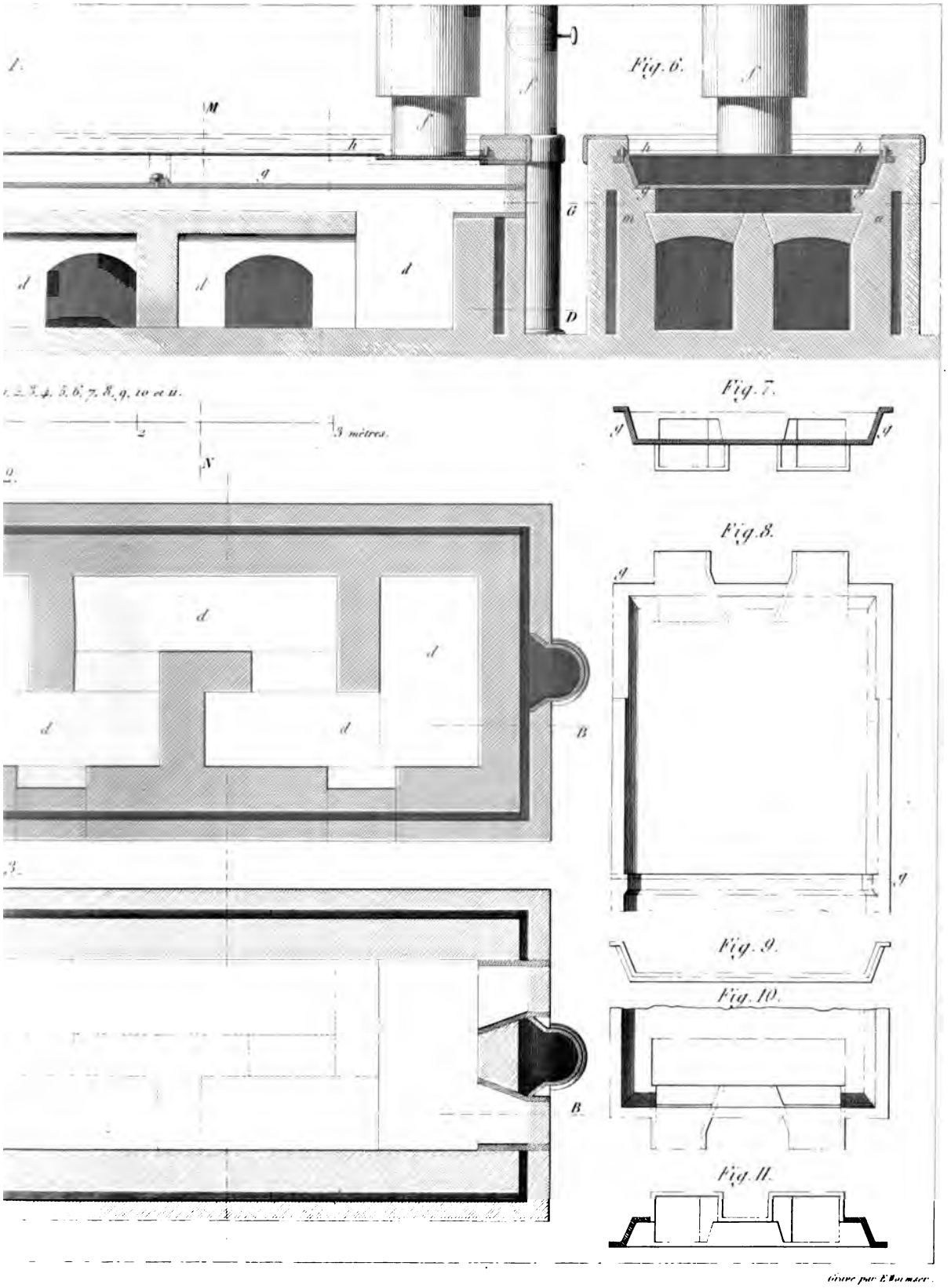

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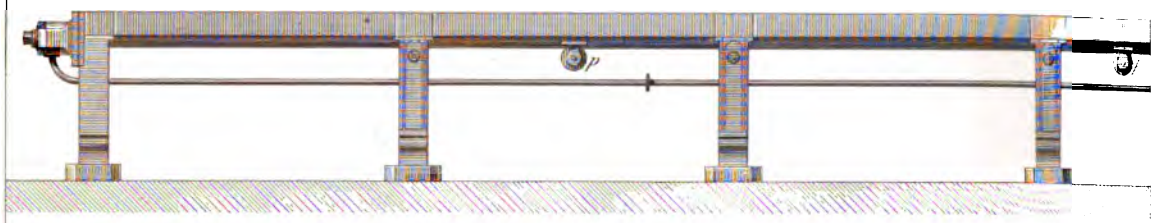
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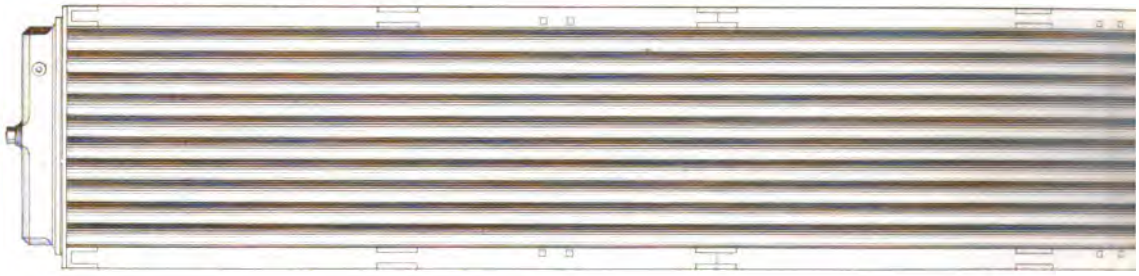

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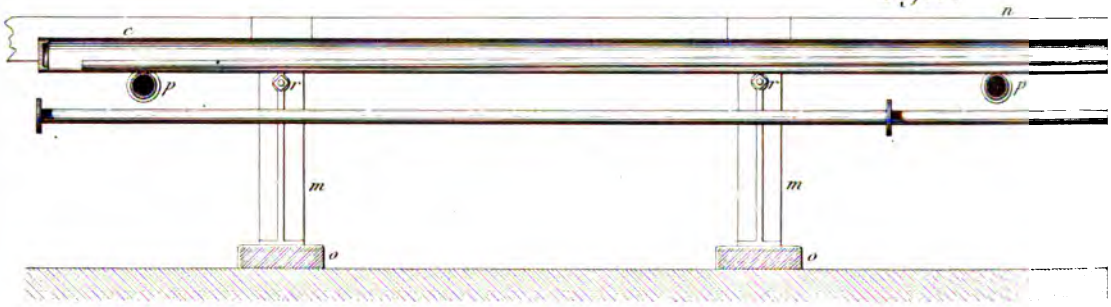
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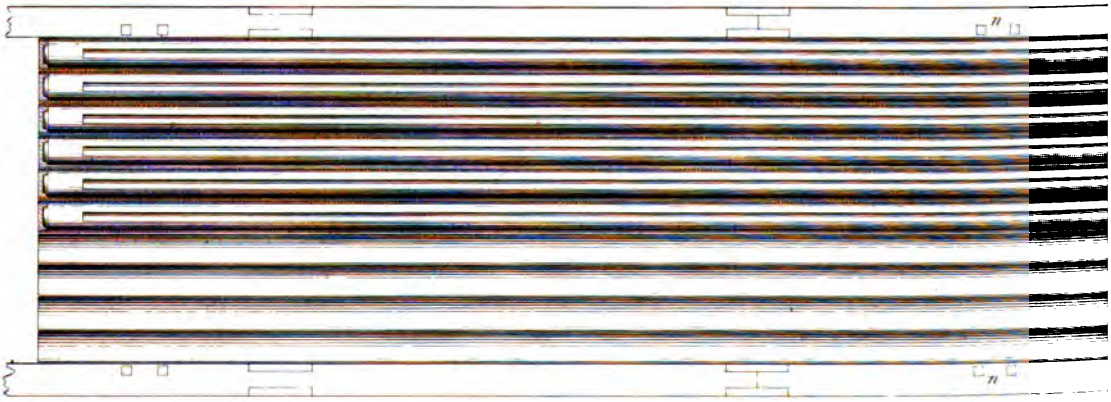
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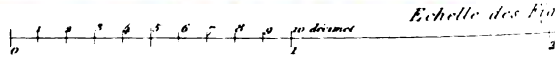
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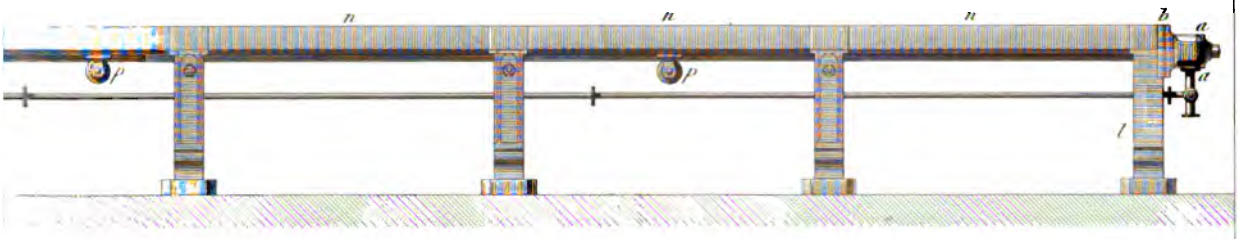

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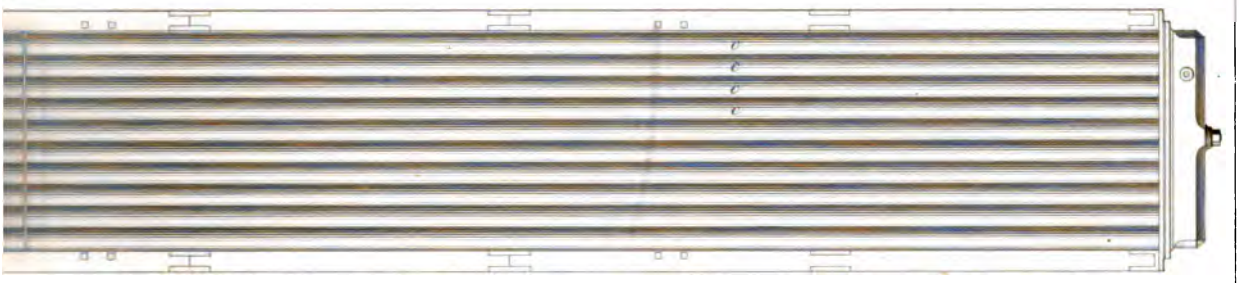

et 2.

3 4 5 mètres.

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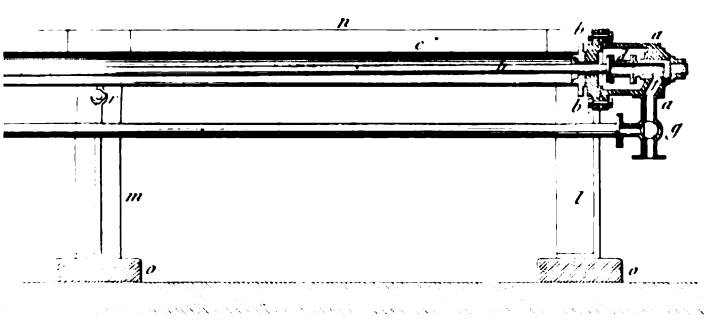

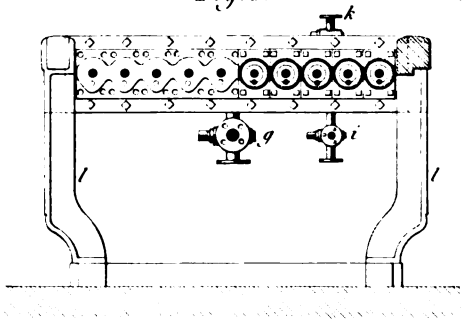

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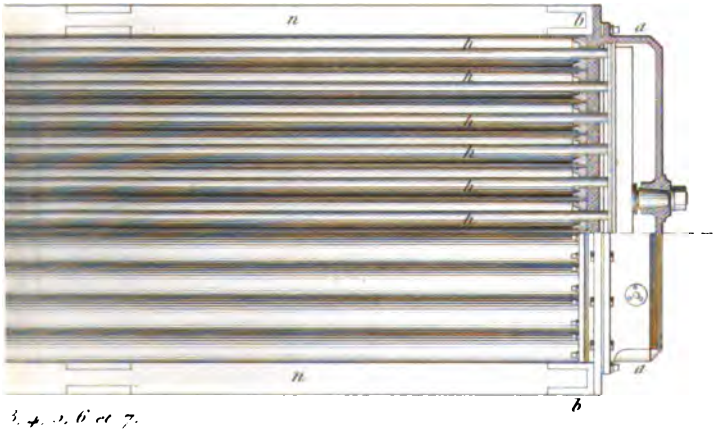

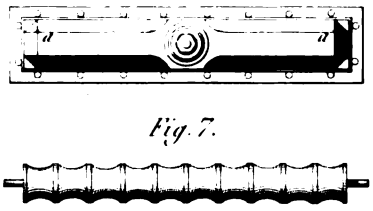

Fig. 7.

Fig. 8.

3. 4. 5. 6 et 7.

3 4 mètres.

Gravé par J. Pelletan.

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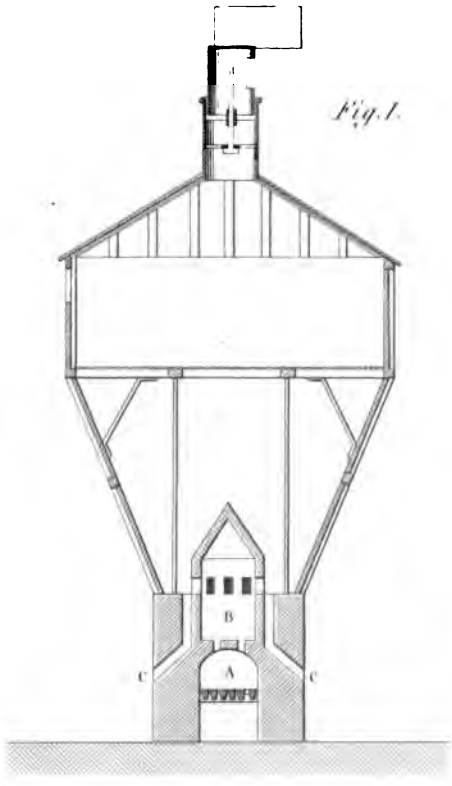

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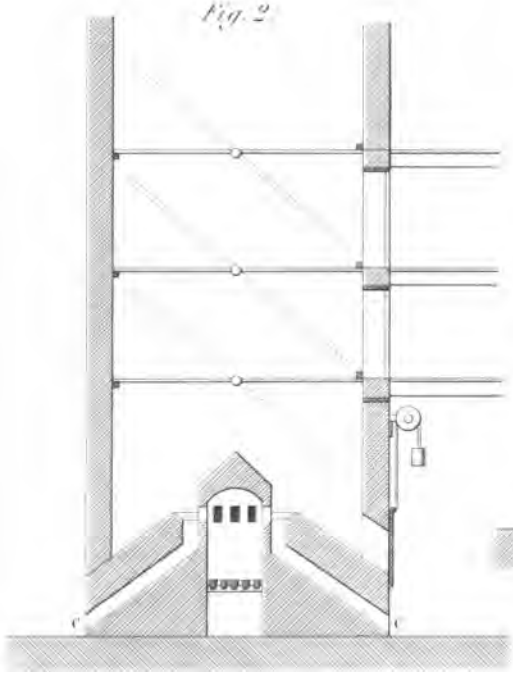

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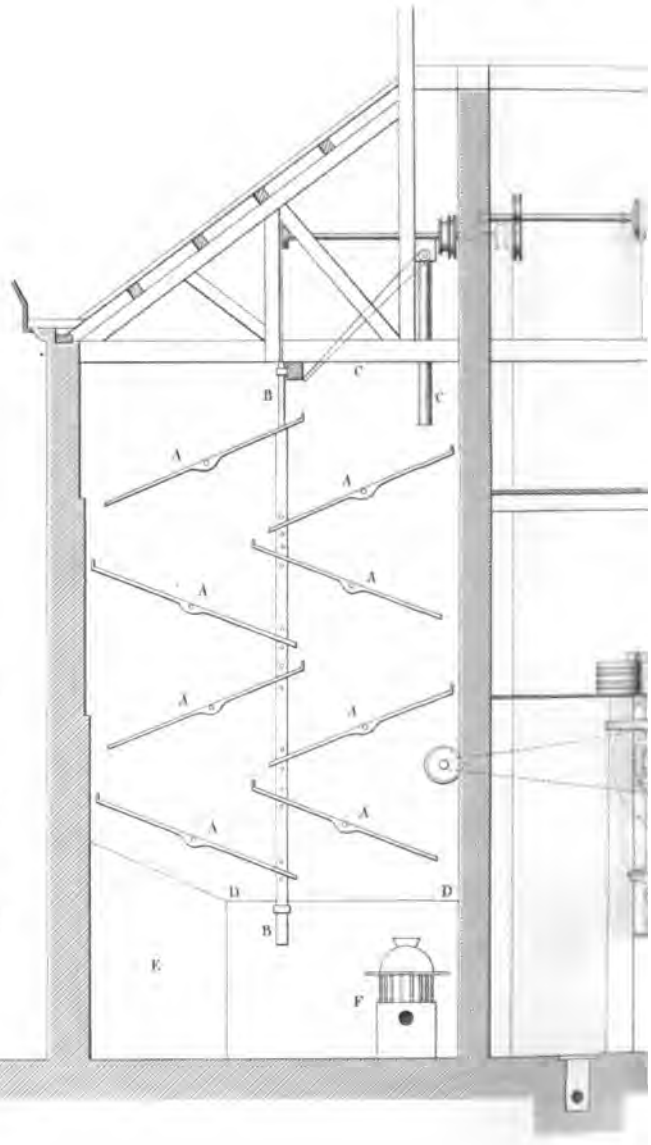

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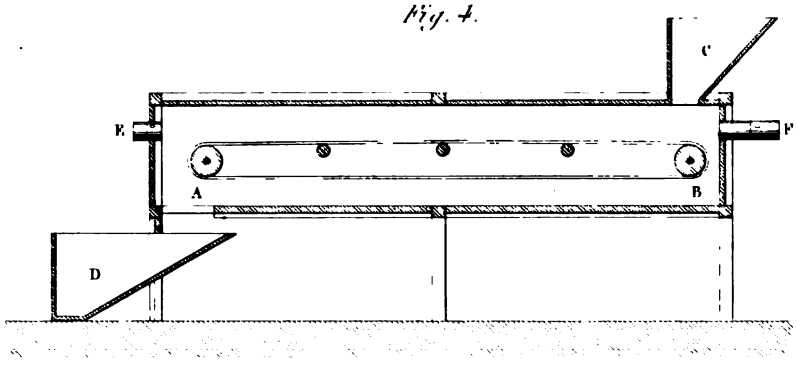

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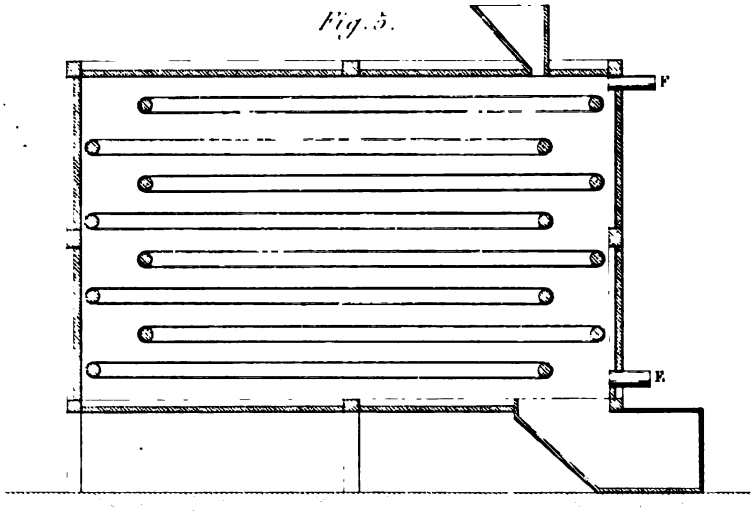

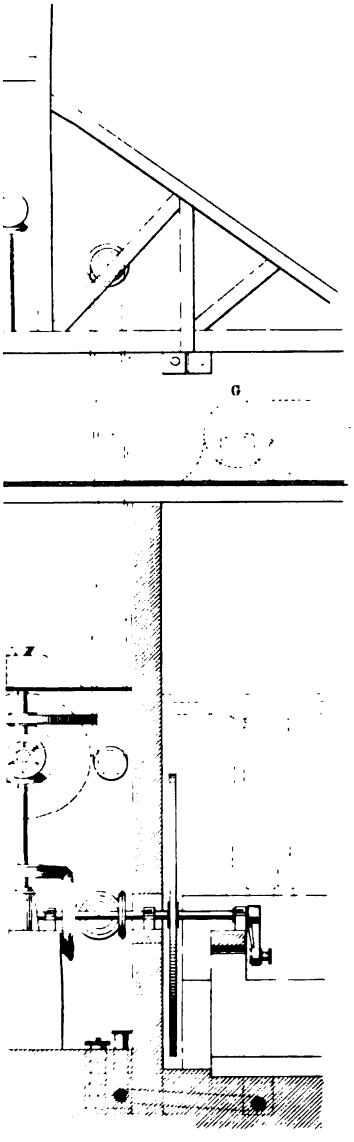

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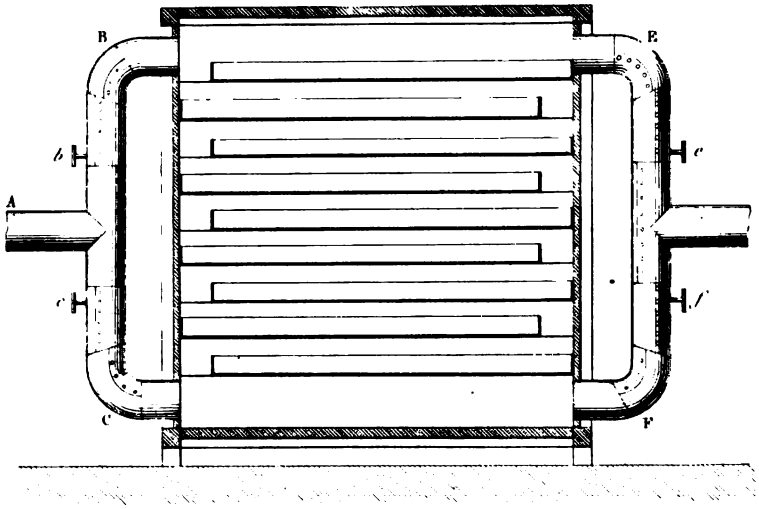

Gravé par Chauvet.

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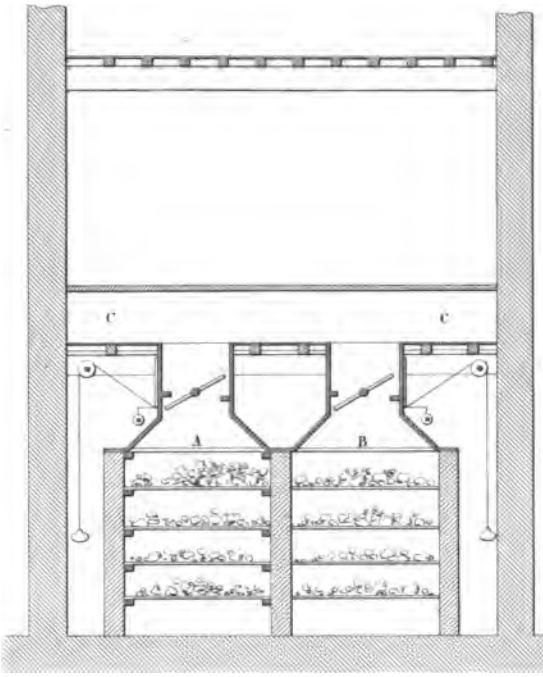

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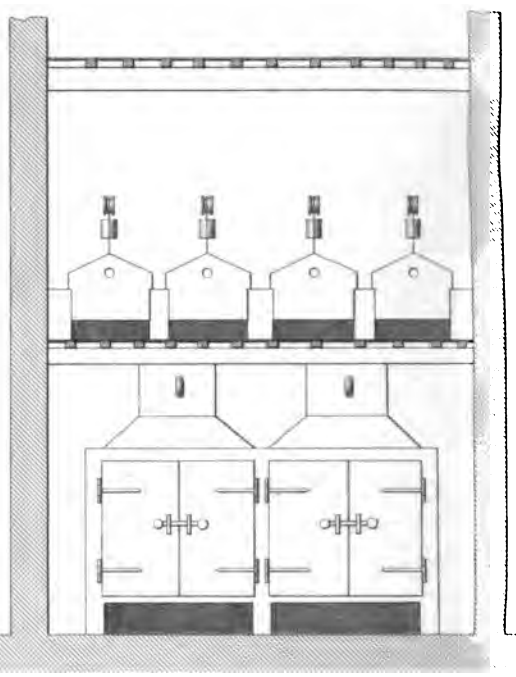

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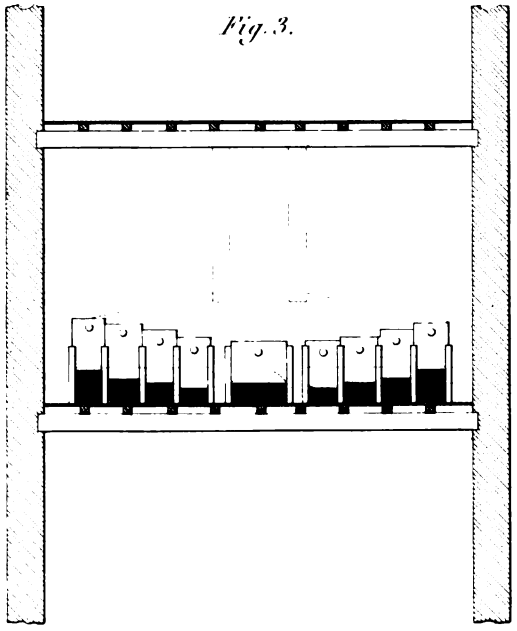

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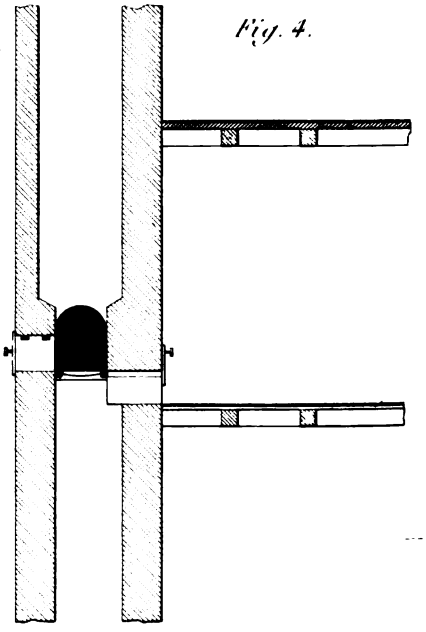

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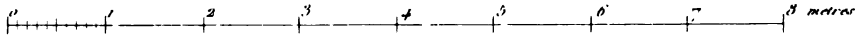

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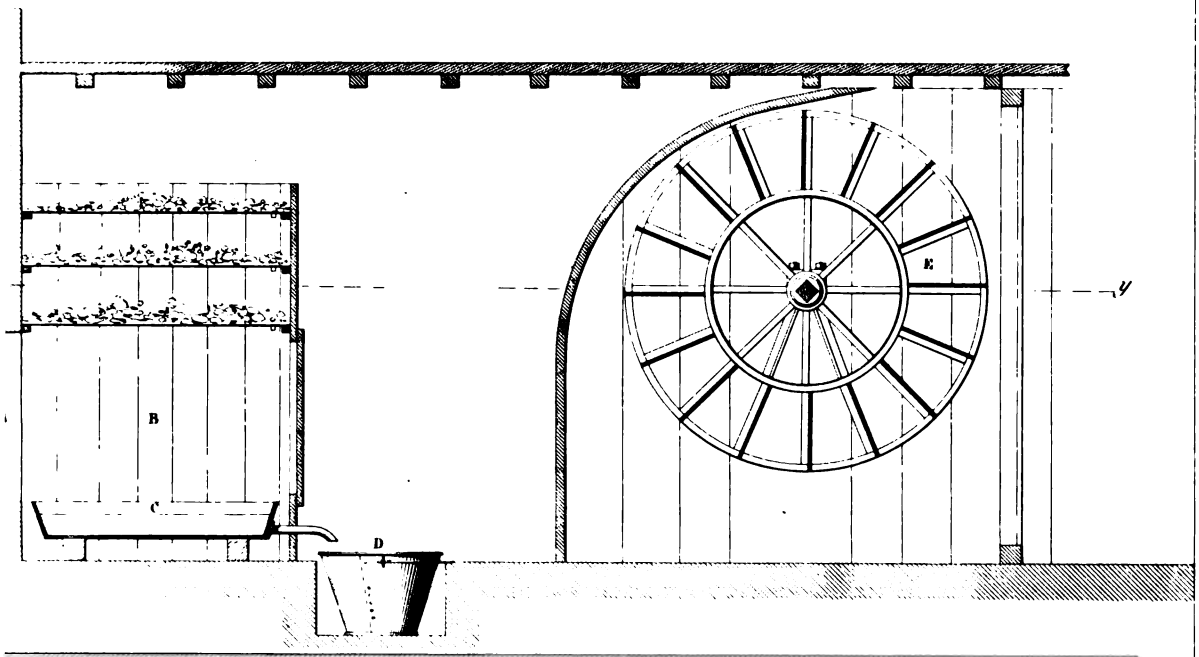

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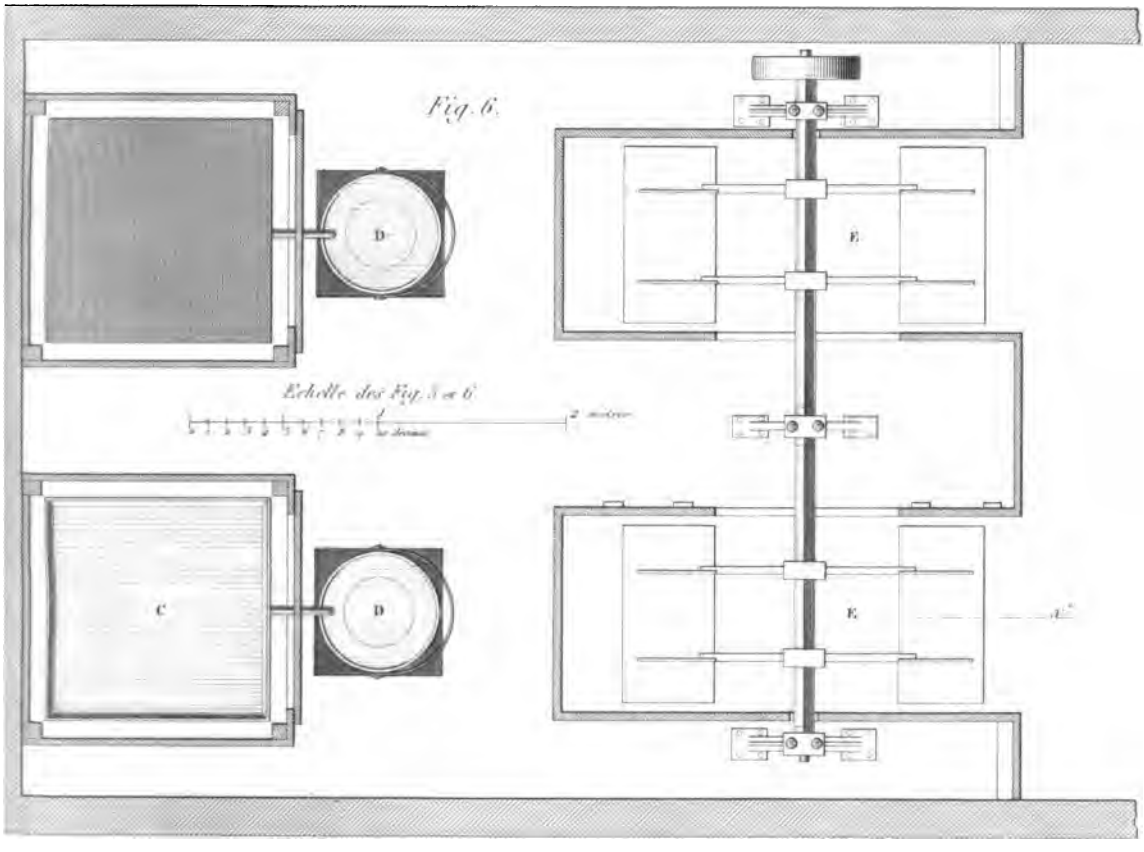

Echelle des Fig. 5 et 6.

Gravé par J. Petitcolin.

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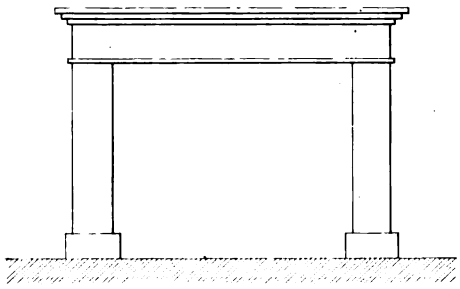

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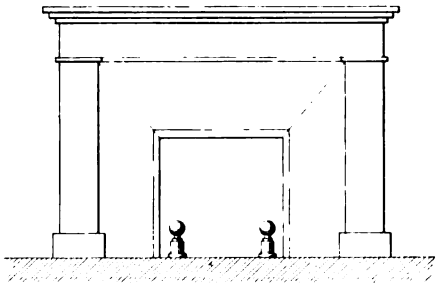

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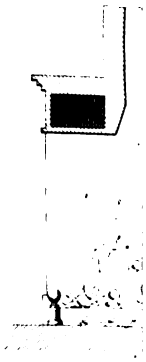

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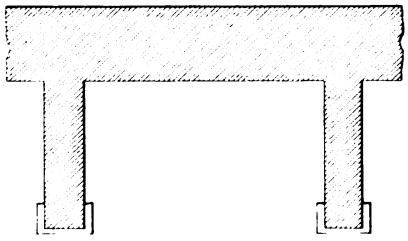

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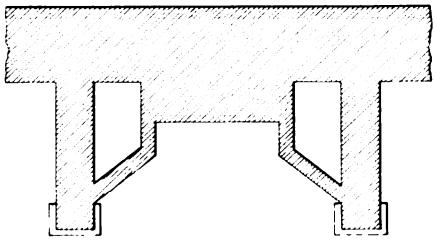

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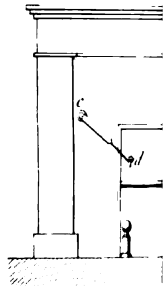

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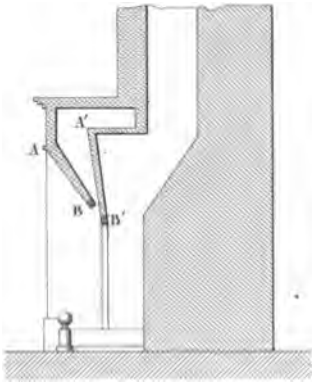

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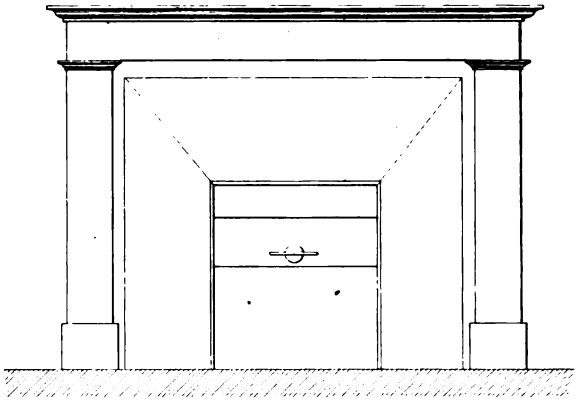

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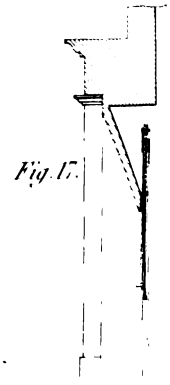

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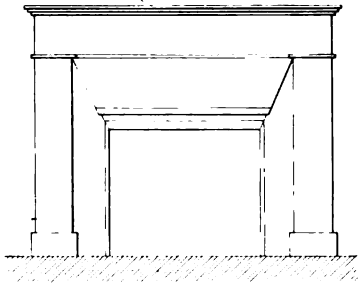

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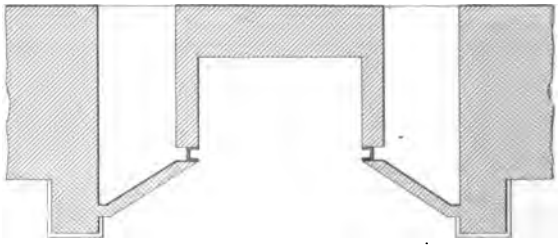
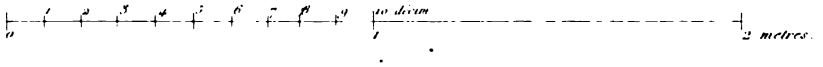
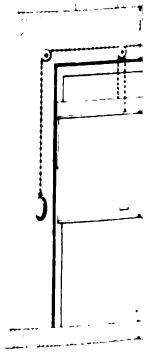


Échelle des Fig. 13, 16, 17 et 18.





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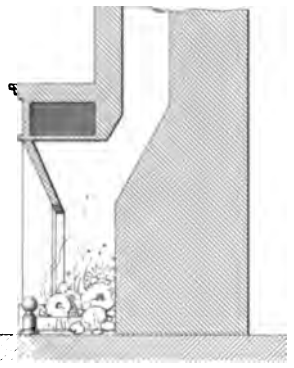

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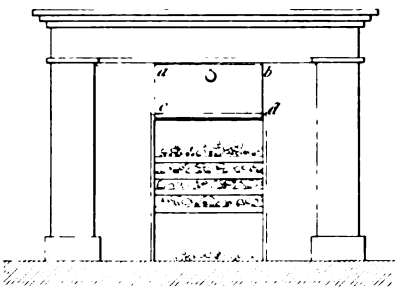
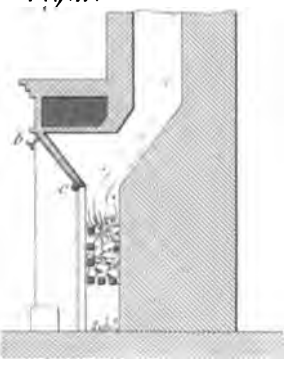


Fig. 11.



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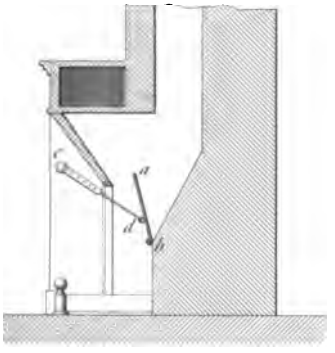

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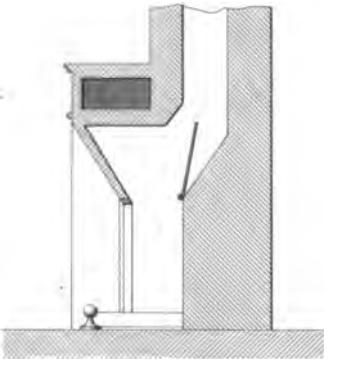

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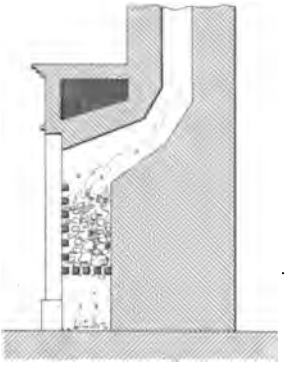

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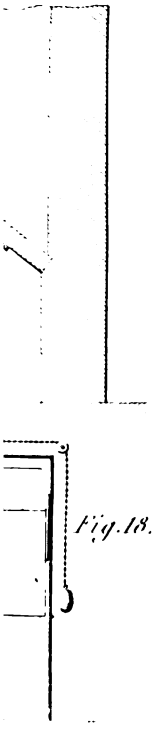

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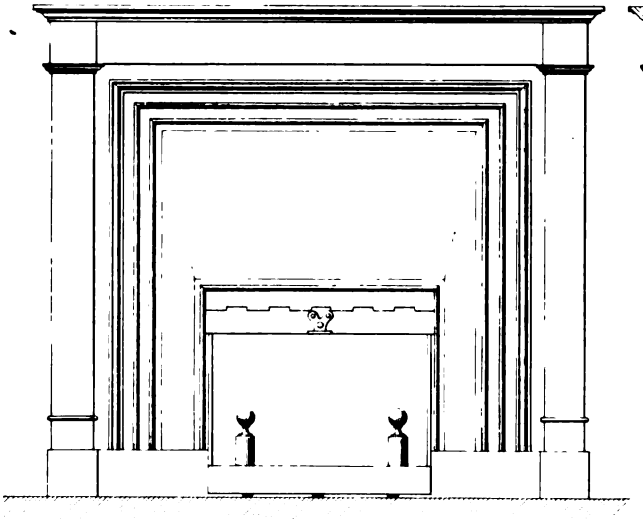

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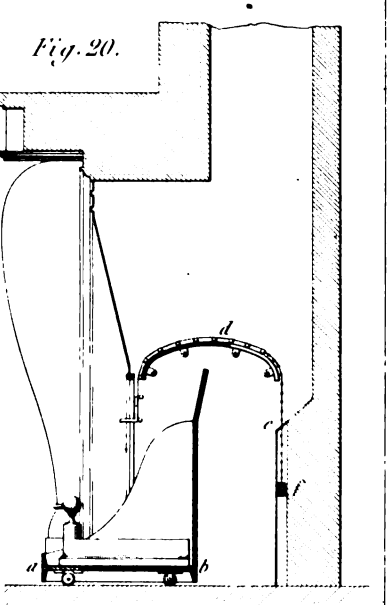
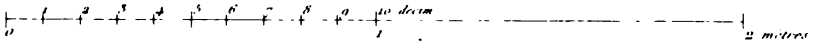


Echelle des Fig. 19 et 20.



Gravé par E. Wermsen

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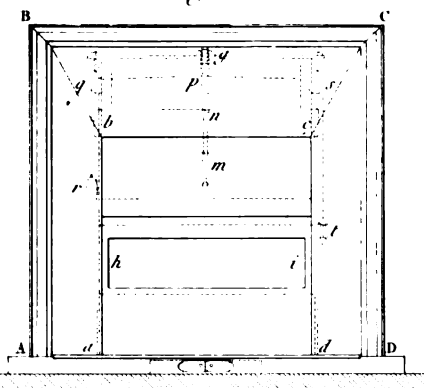

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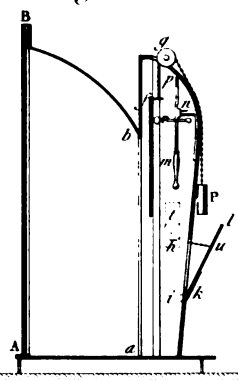

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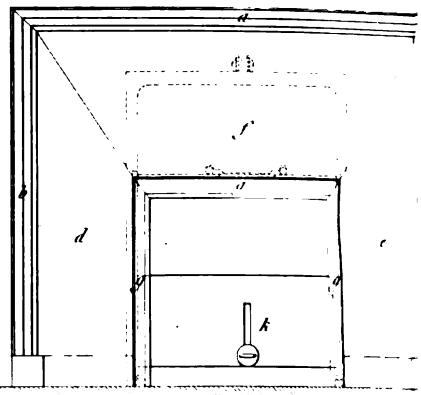

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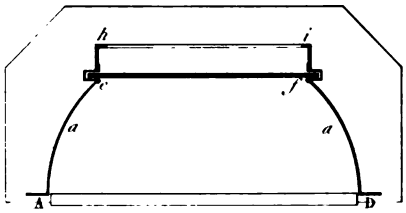

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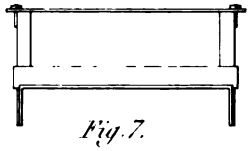
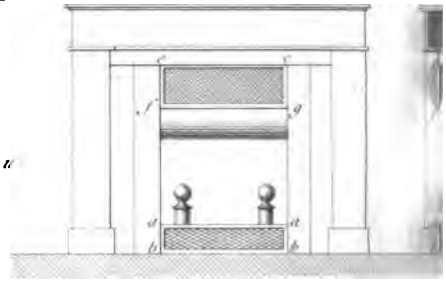


Fig. 7.

Fig. 12.



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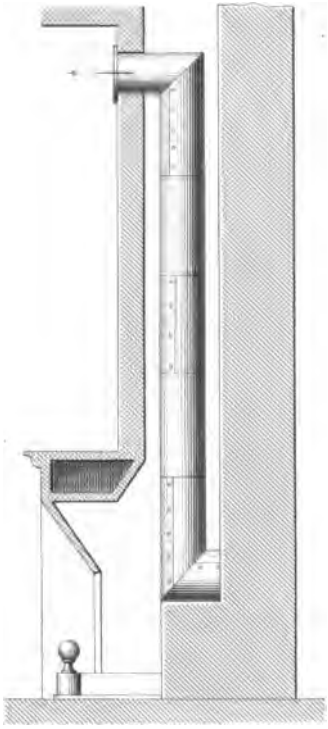

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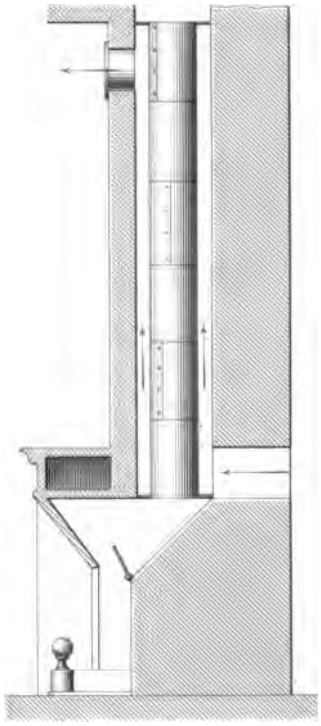

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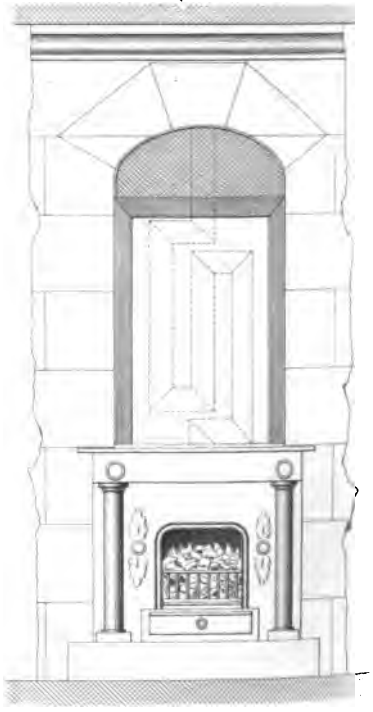

Librairie de L. Hachette.

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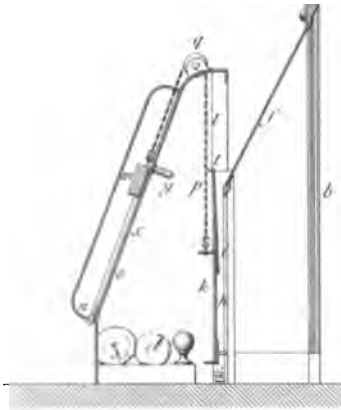

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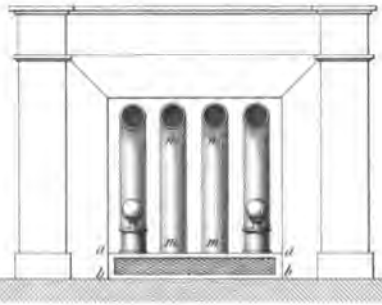

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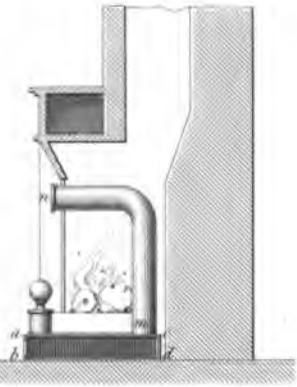

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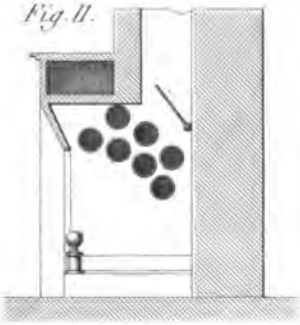

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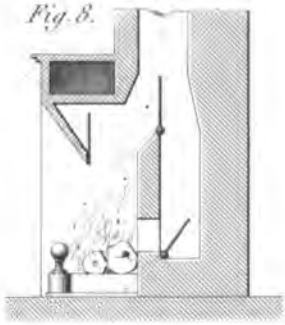

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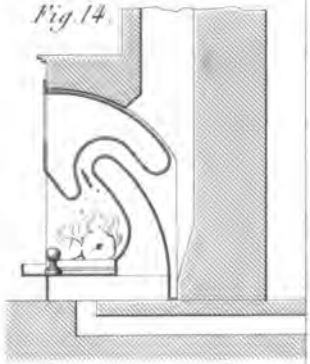

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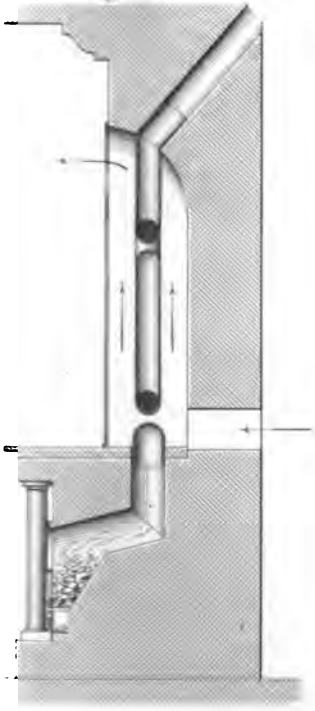

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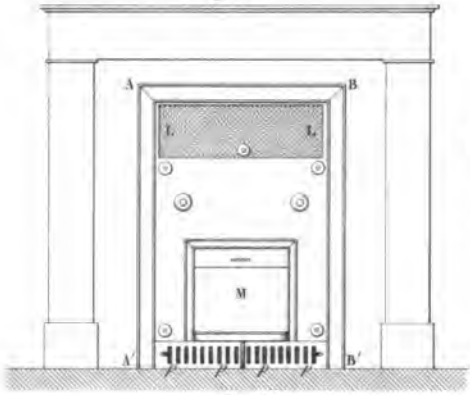

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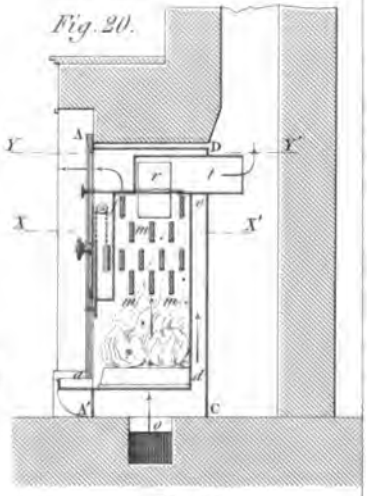

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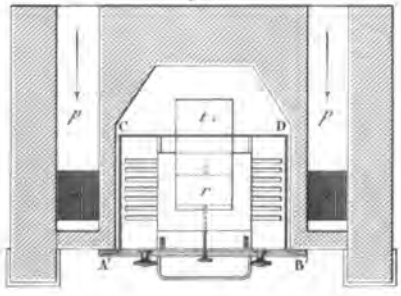

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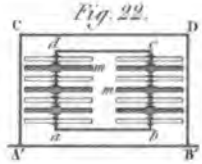

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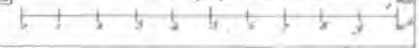

Gravé par F. Wormser.

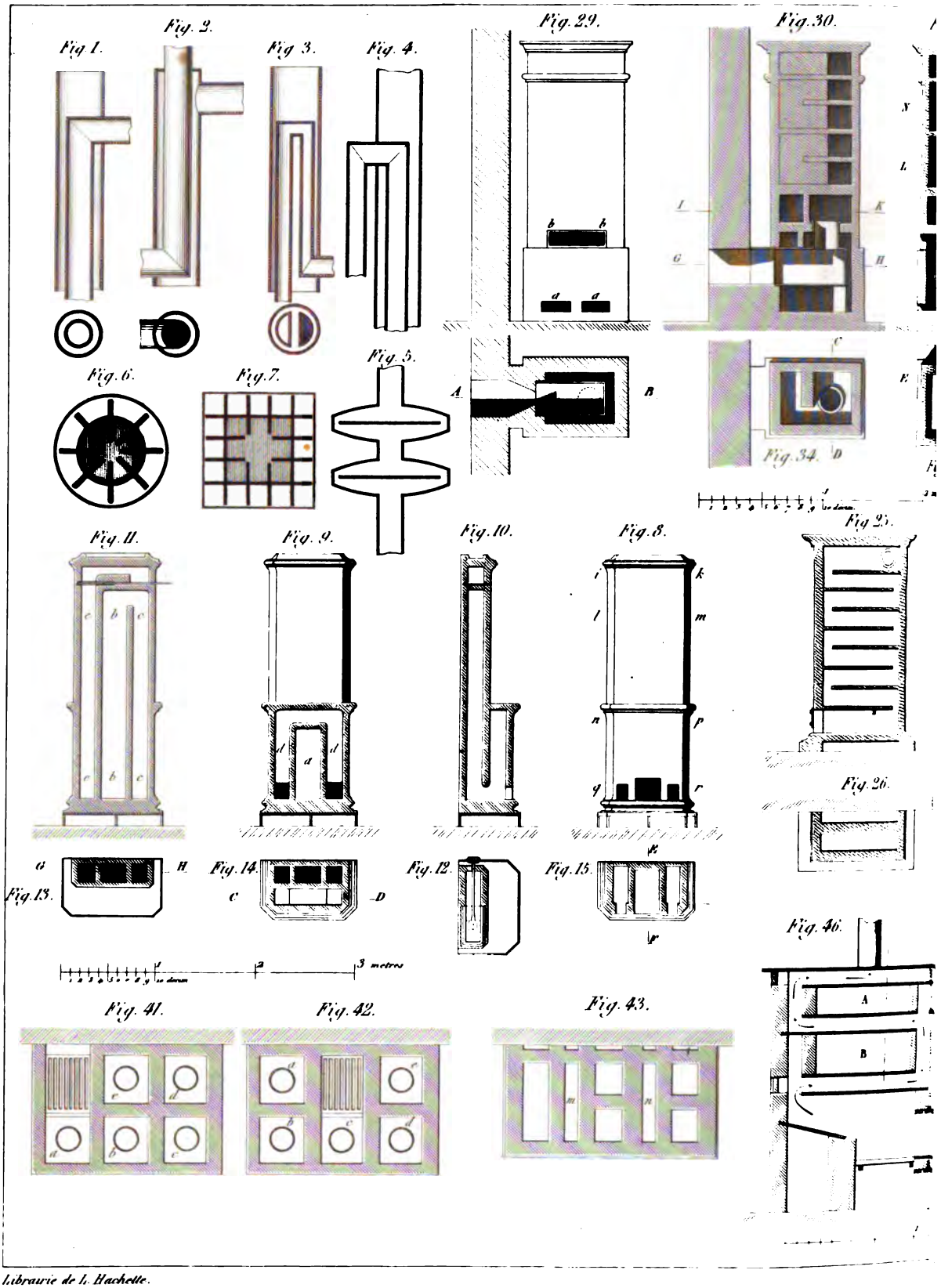
Fig. 1.
Fig. 2.
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Fig. 13.
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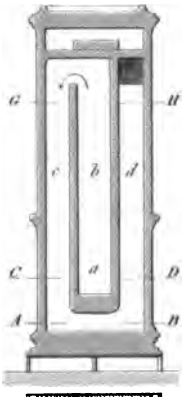
Fig. 43.
3 metres

Fig. 31.

Fig. 16.



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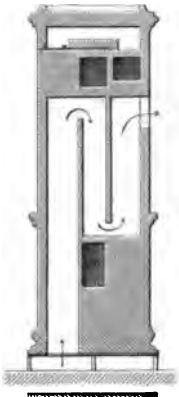
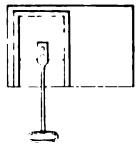


Fig. 18.

Fig. 22.



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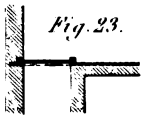


Fig. 24.

Fig. 36.

Fig. 19.

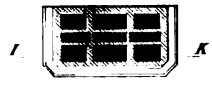
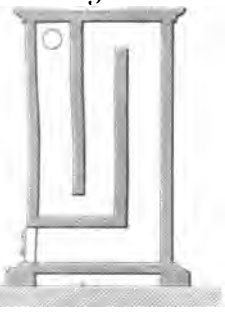


Fig. 20.

Fig. 21.

Fig. 27.



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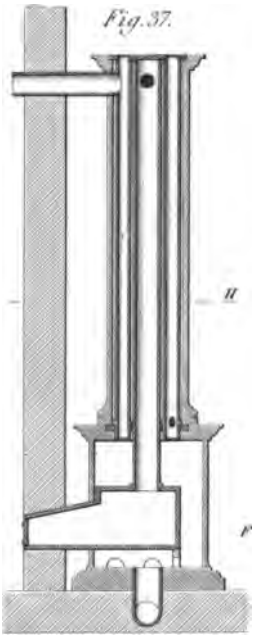

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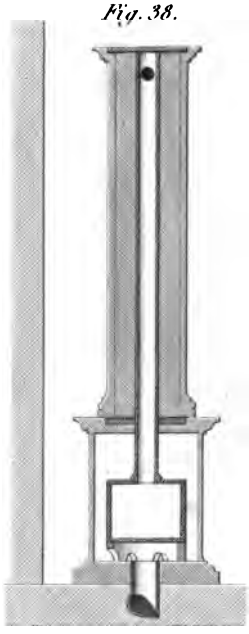

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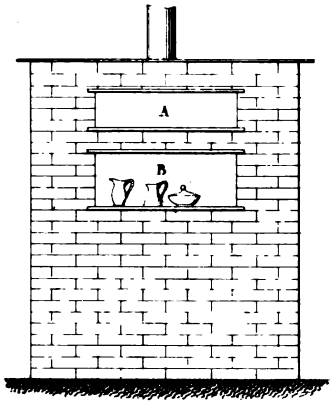

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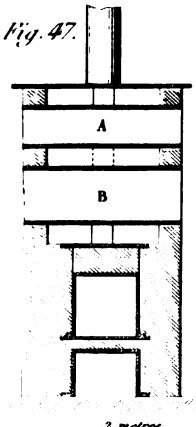

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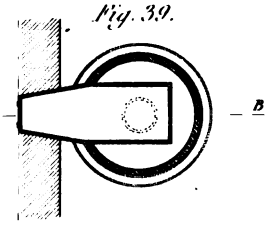

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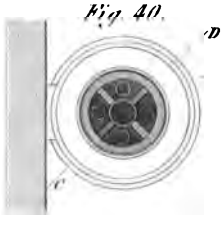

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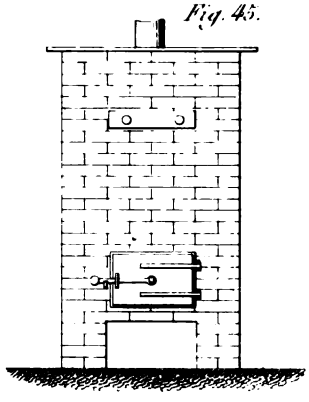

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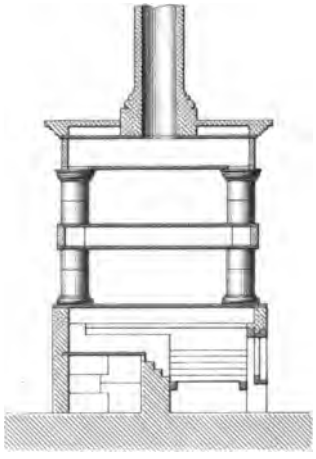

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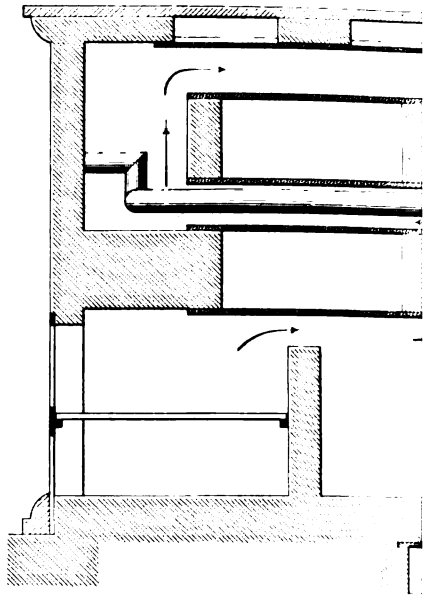

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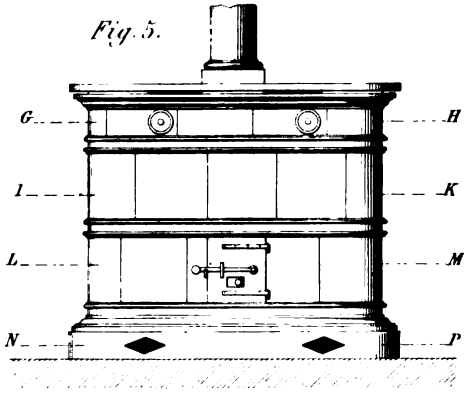

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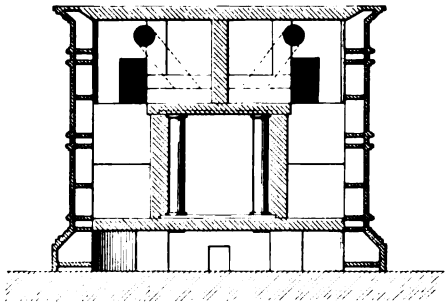

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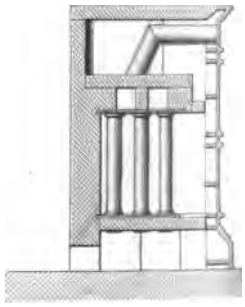

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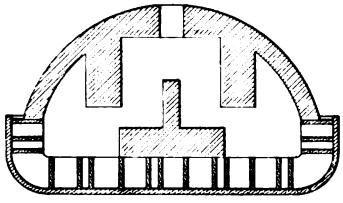

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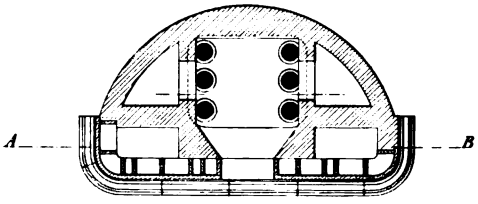

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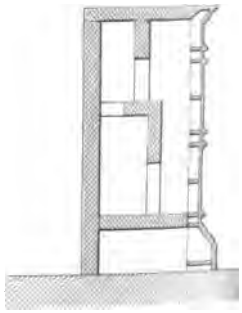

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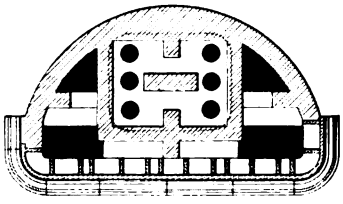
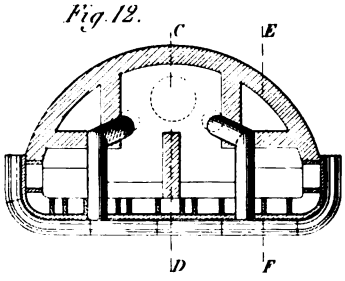
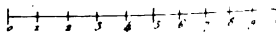


Fig. 12.



Échelle des Fig. 5



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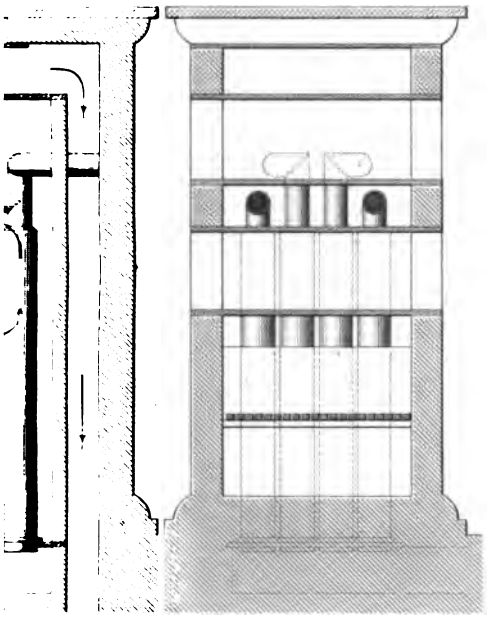

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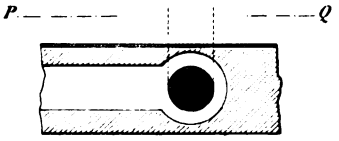
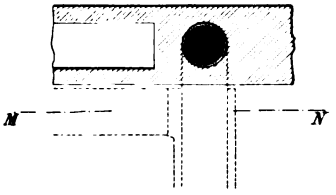


Fig. 19.

Fig. 22.



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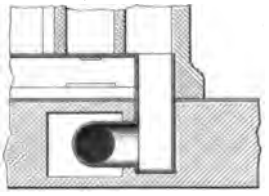

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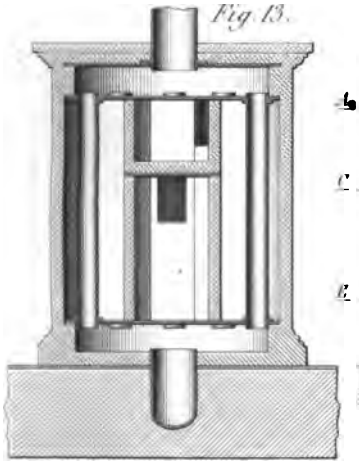

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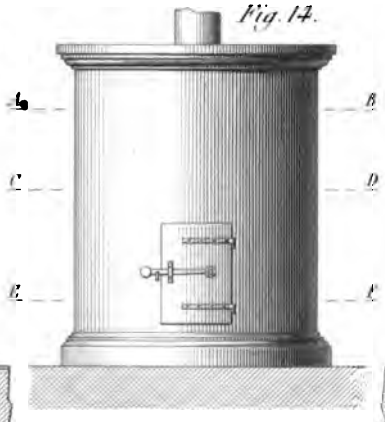

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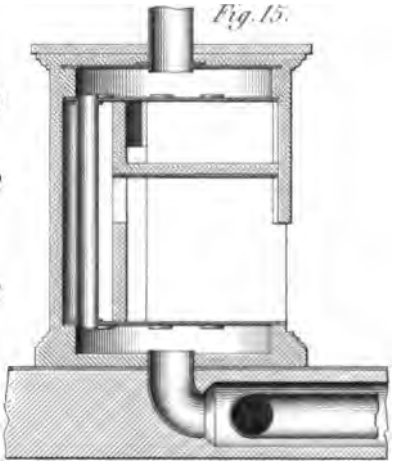

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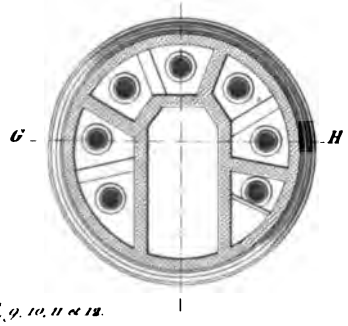

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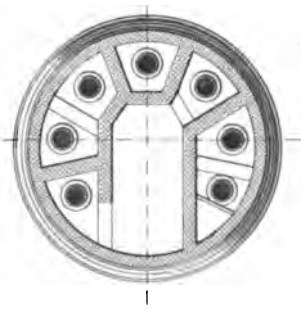

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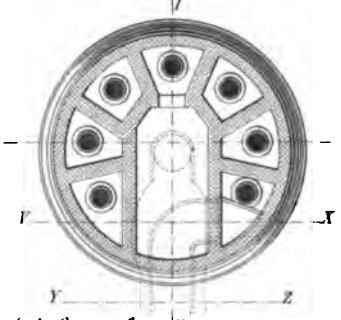
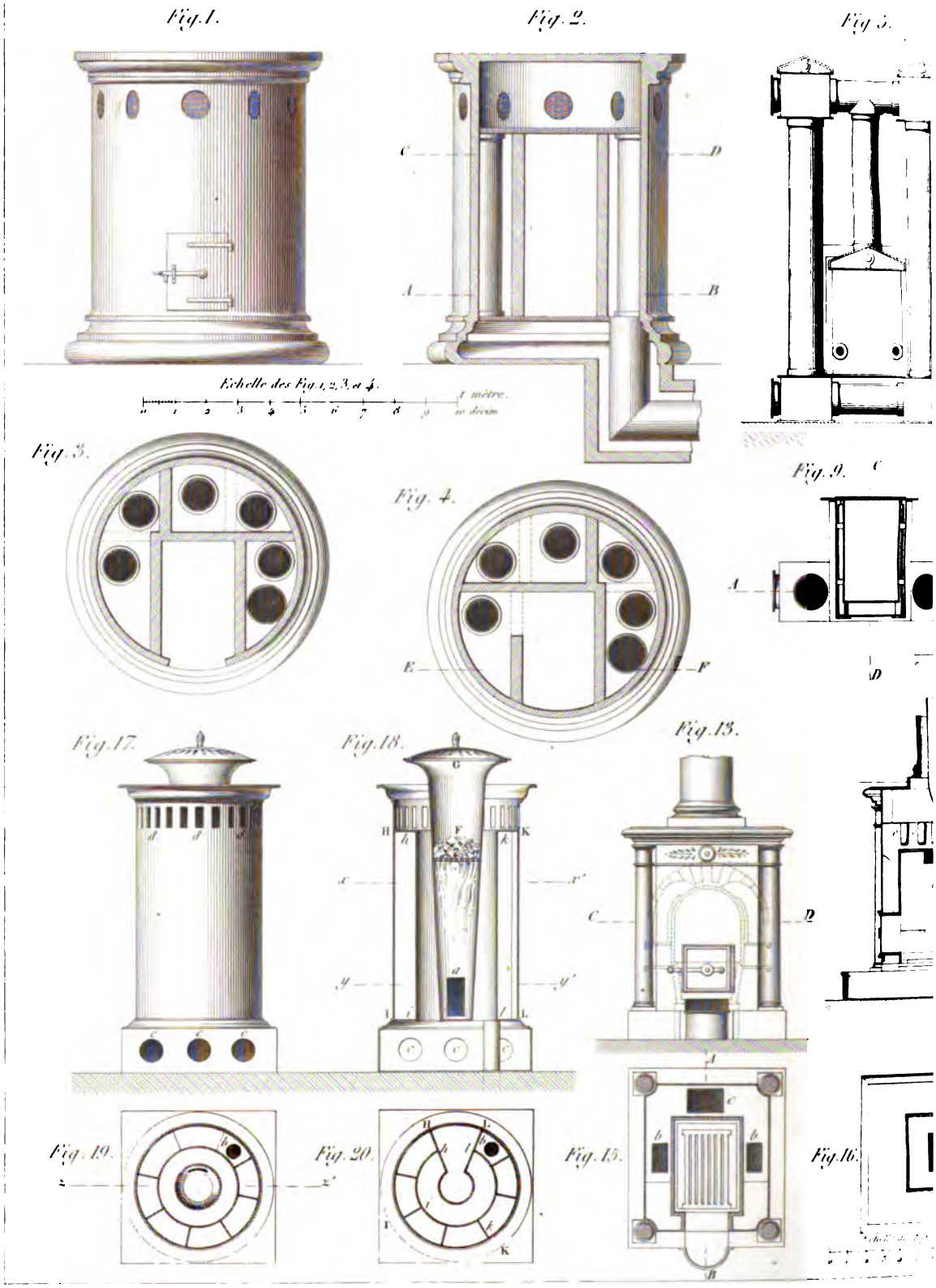


Fig. 7, 8, 9, 10, 11 et 12.

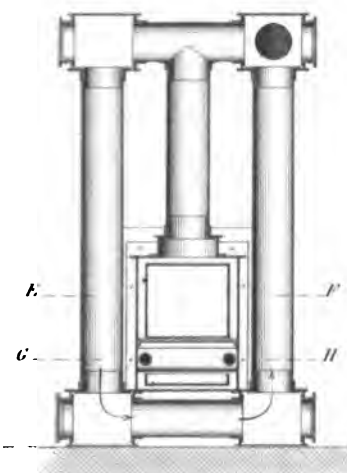
Echelle des Fig. 13, 14, 15, 16, 17 et 18.

Gravé par E. Wormser.



Librairie de L. Hachette.

Fig. 6.



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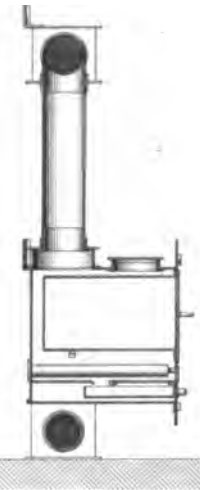

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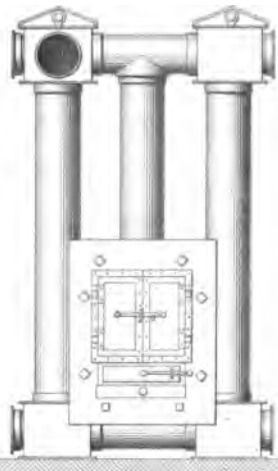

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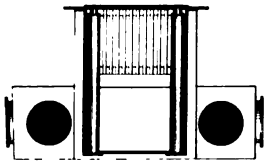

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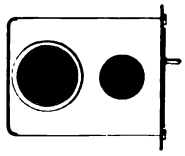

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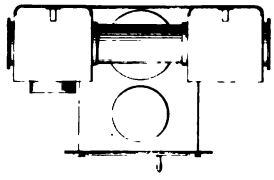
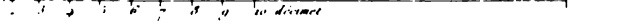


Echelle des Fig. 5, 6, 7, 8, 9, 10, 11 et 12



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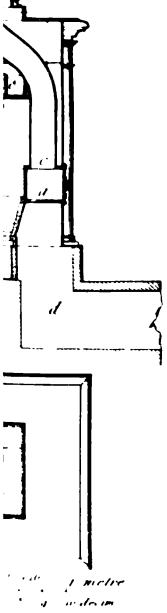

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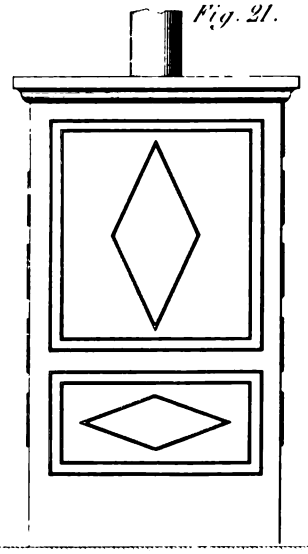

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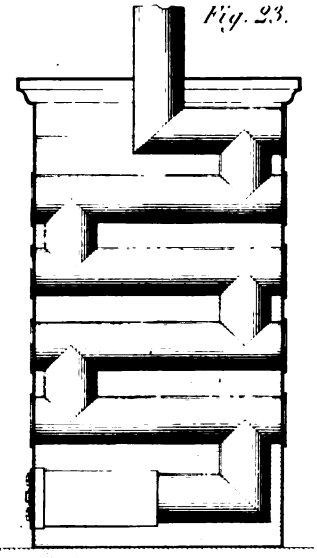

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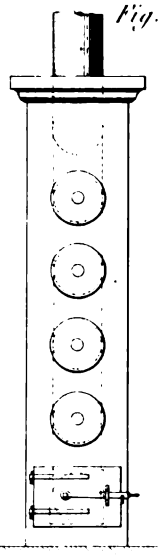
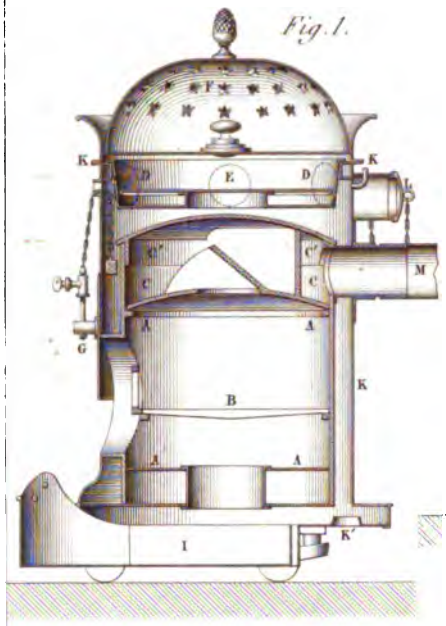
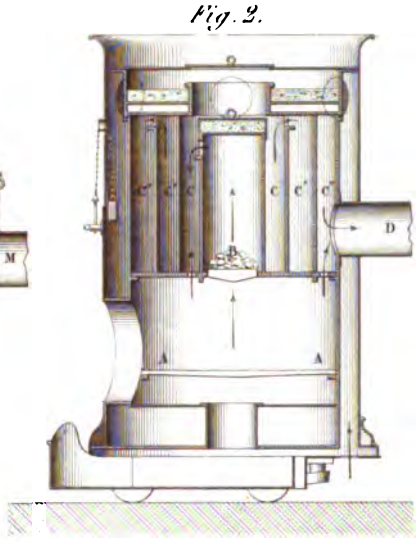






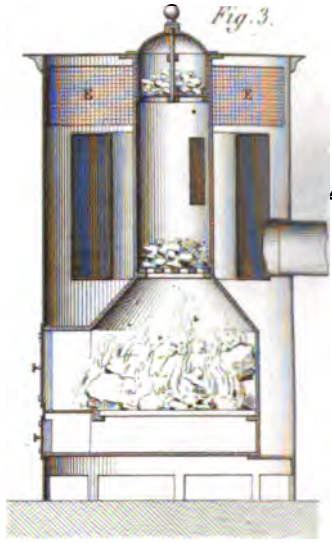
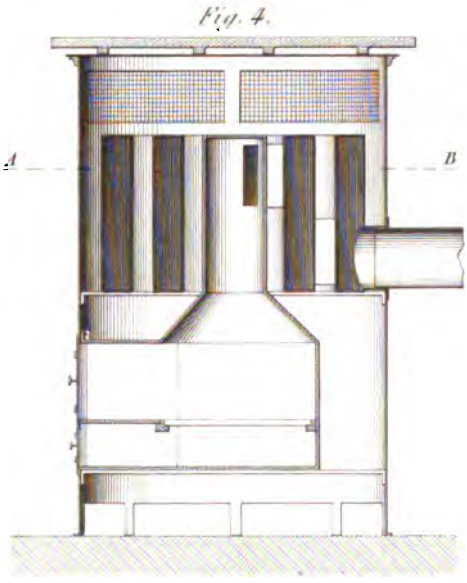
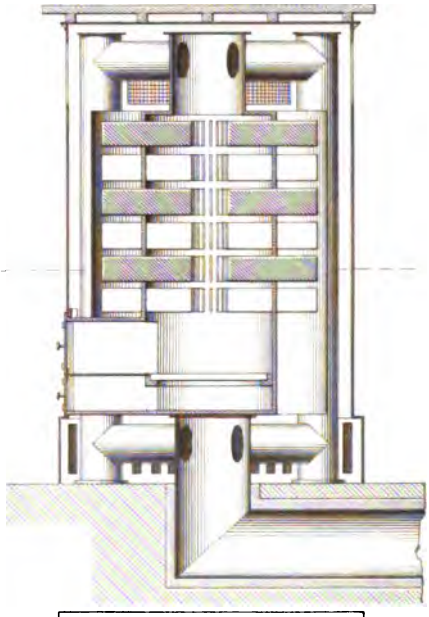
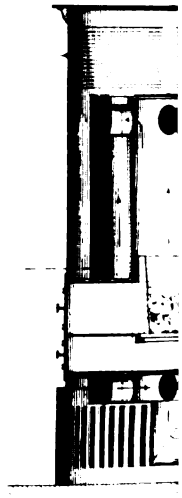


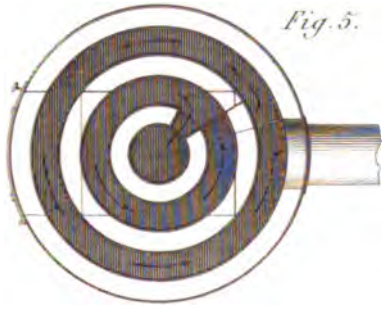
Fig. 13.

Fig.









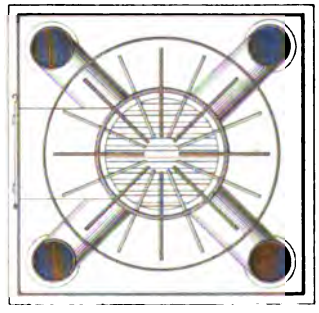
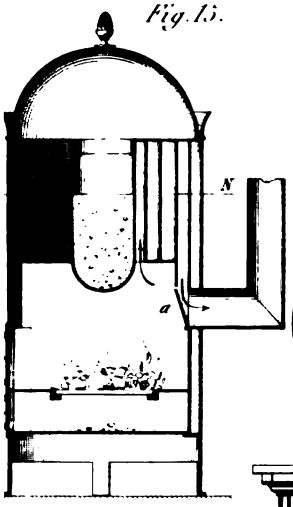


Fig. 14.

Echelle

Fig. 15.



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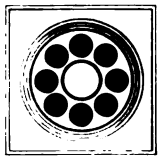

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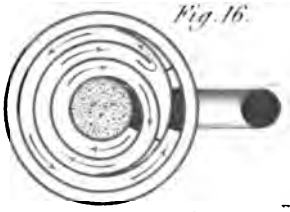

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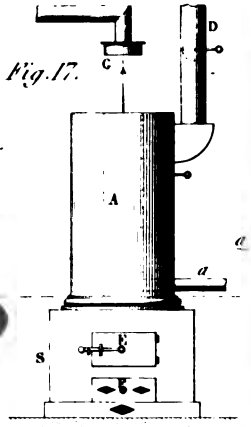

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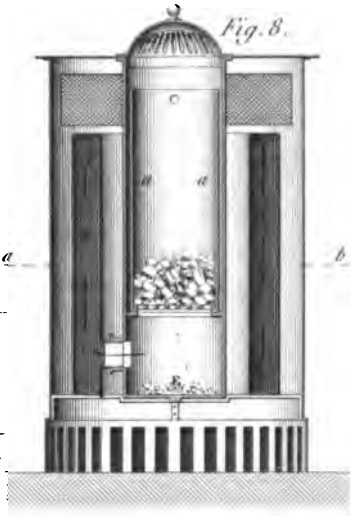

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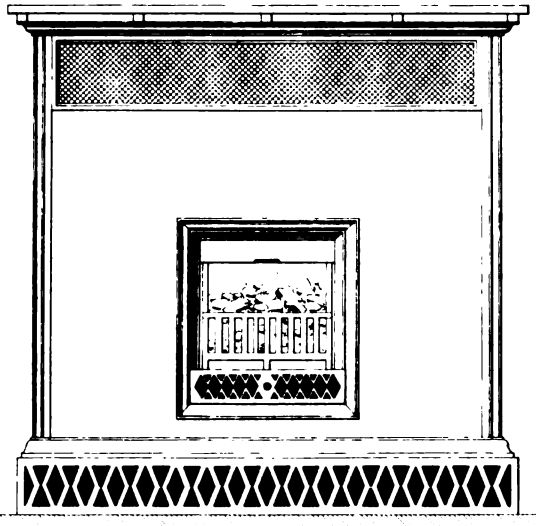
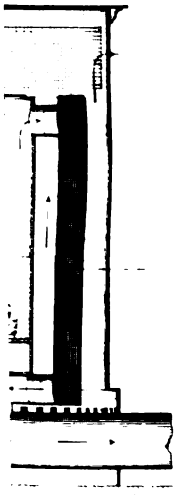


Fig. 9.
Coupe suivant a b.



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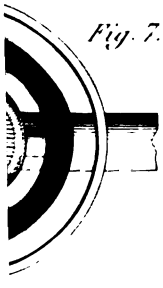

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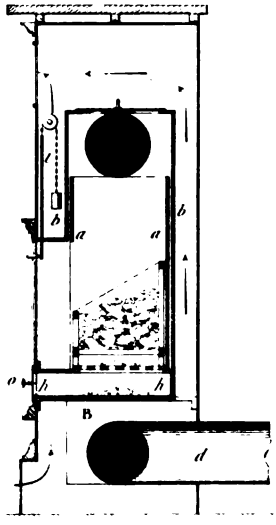

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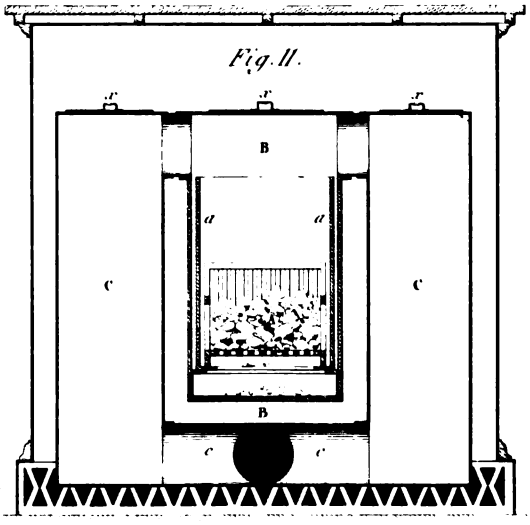
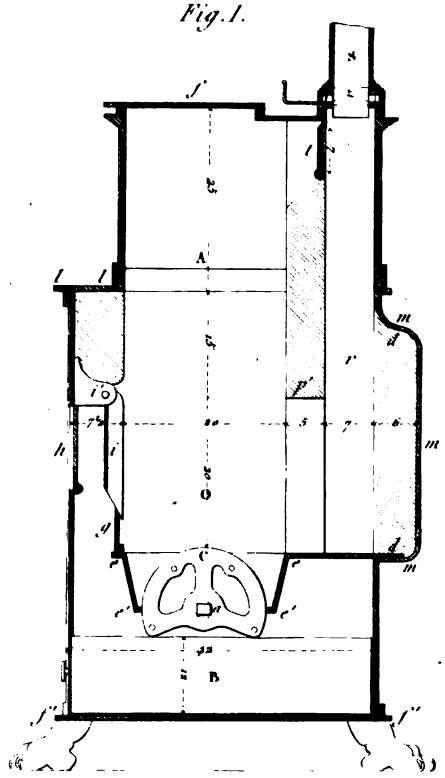


1 mètre

Gravé par A. Petitcolin

Fig. 1.



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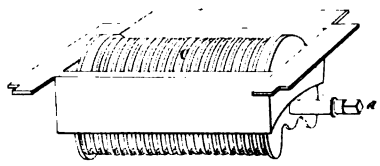

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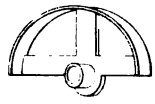

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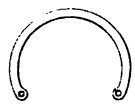

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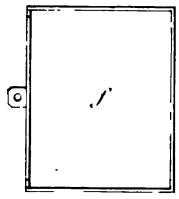

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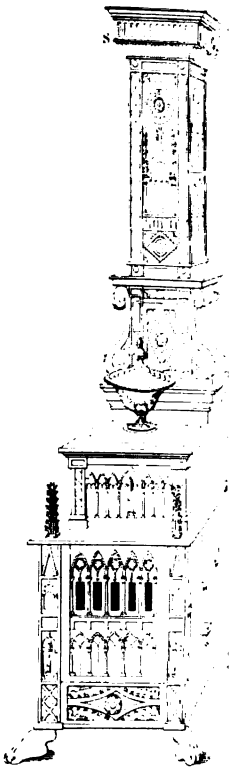
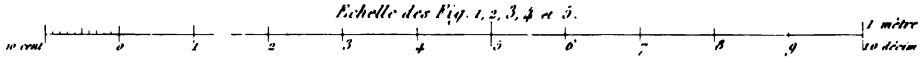


Echelle des Fig. 1, 2, 3, 4 et 5.



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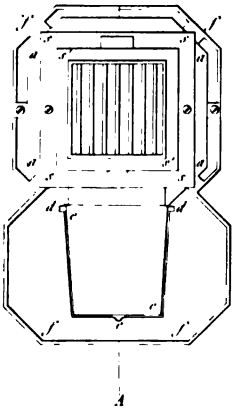

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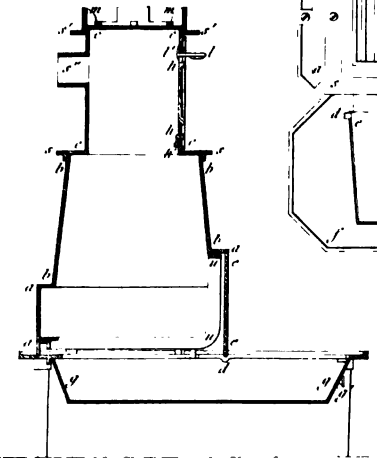

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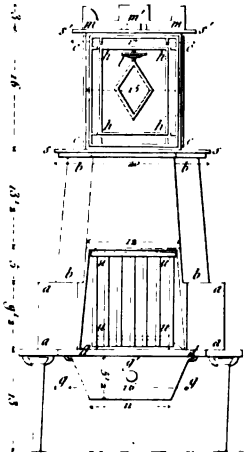

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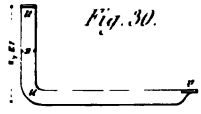
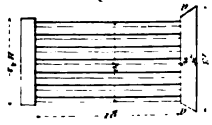


Fig. 31.



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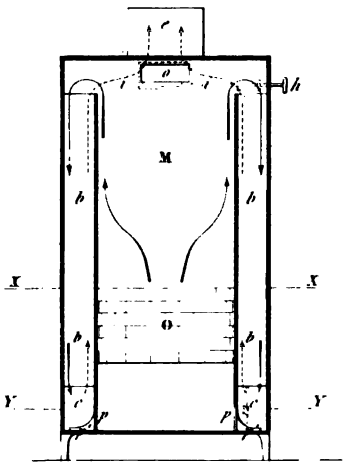

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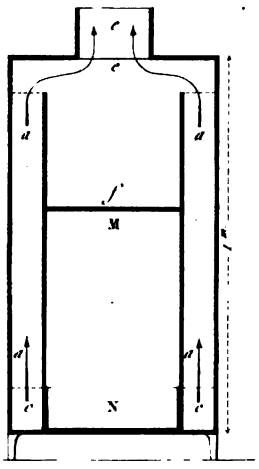

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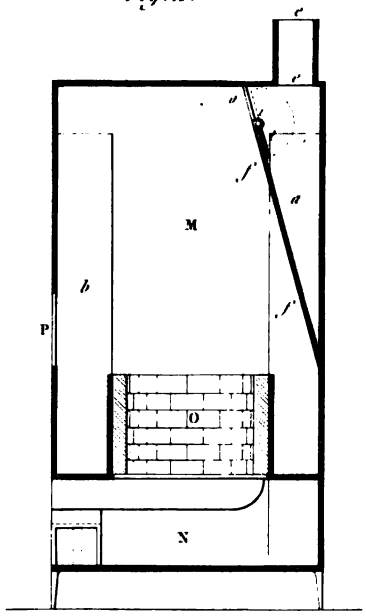

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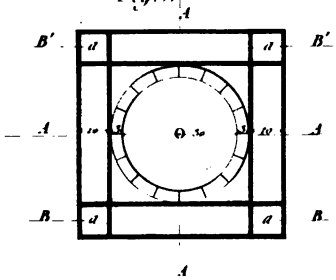

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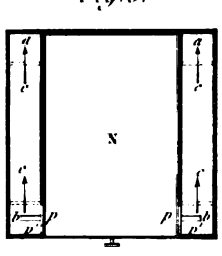

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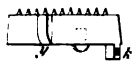

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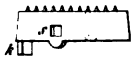

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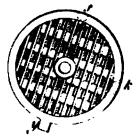

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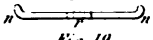

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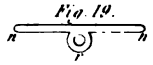

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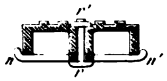

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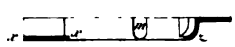

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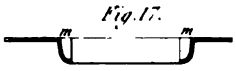

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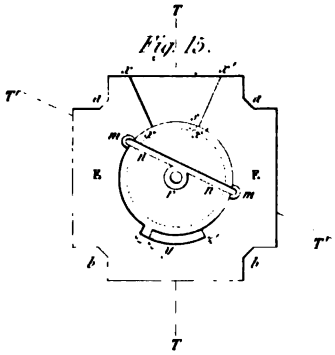
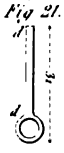


Fig. 22.

Fig. 21.



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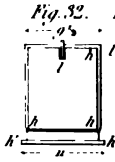

Fig. 33.

Fig. 23.

Fig. 24.

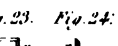

Fig. 25.

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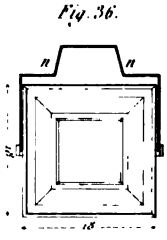

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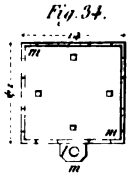

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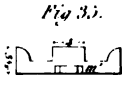

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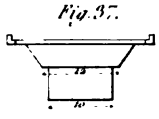

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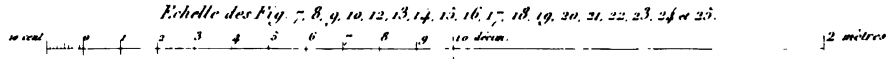

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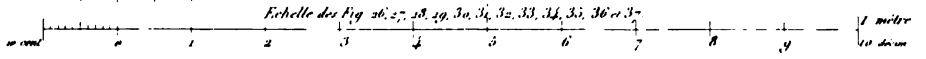

Gravé par Clouet

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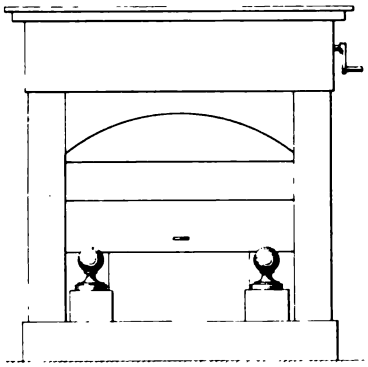

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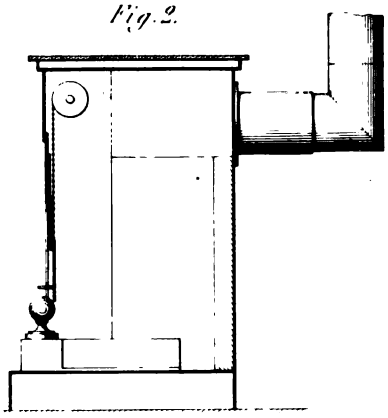

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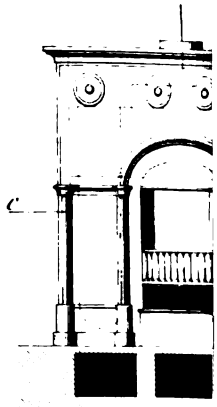

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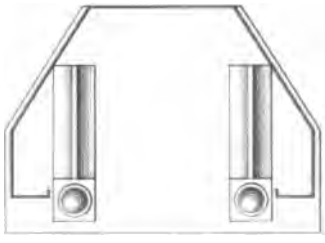

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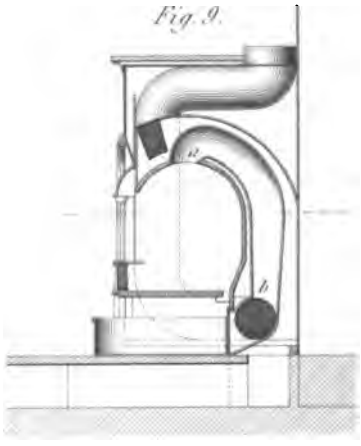

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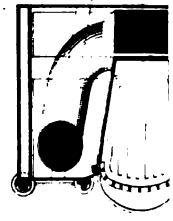

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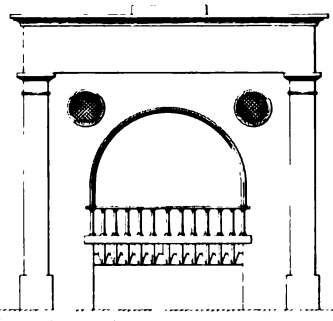

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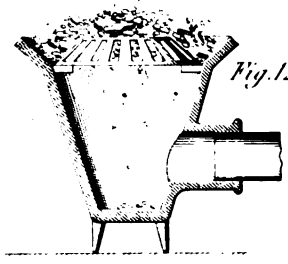

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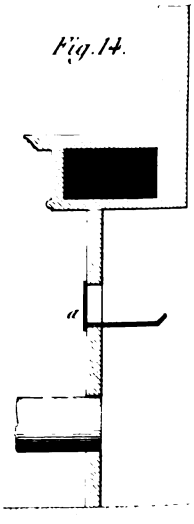

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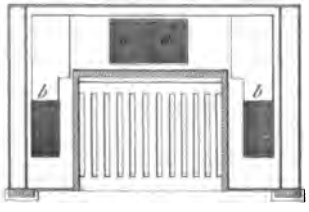

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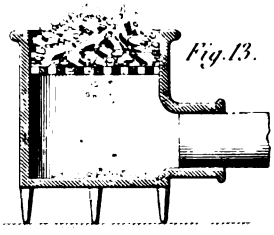

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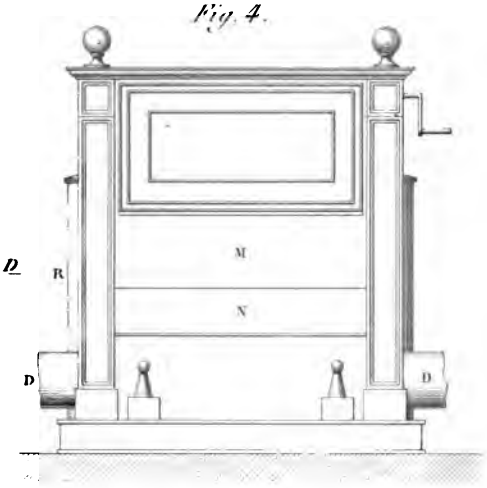

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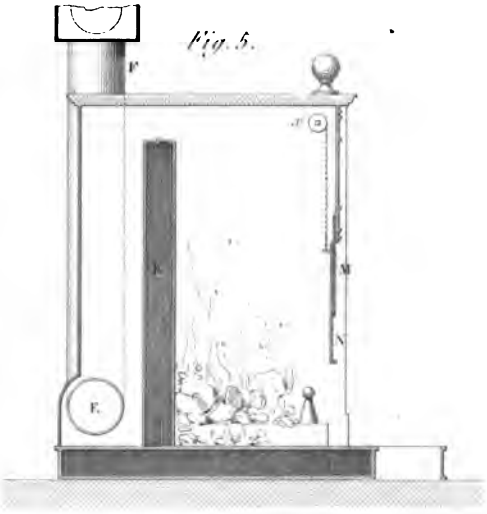

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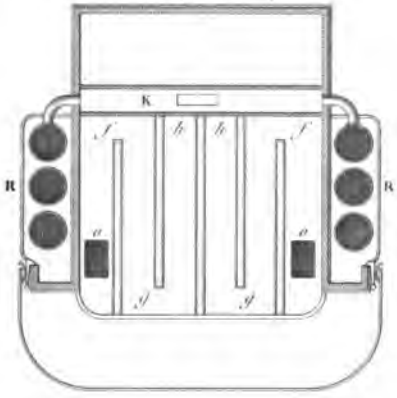

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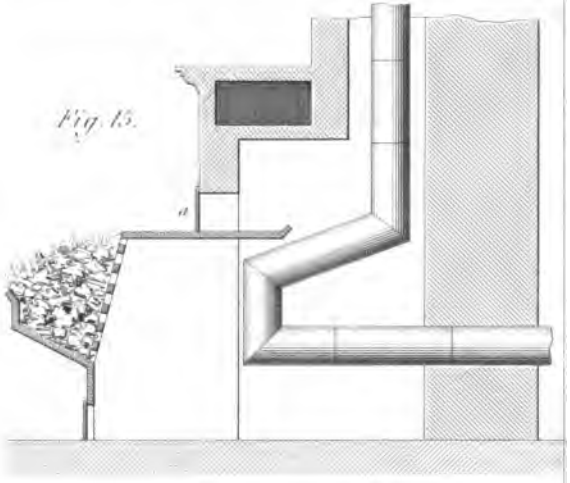

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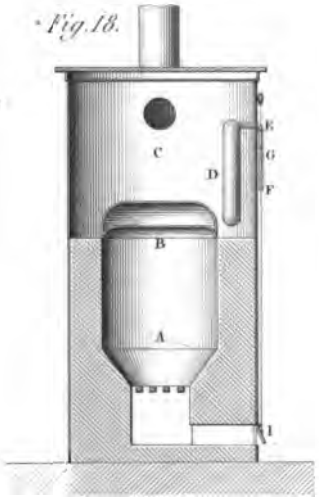

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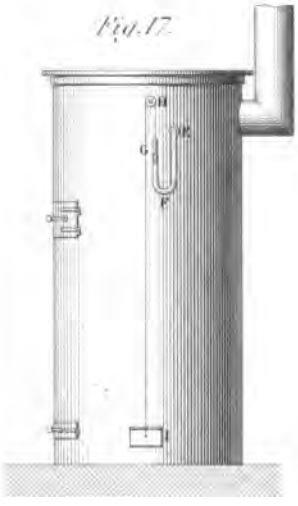

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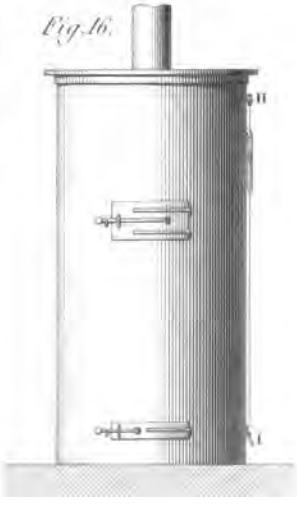
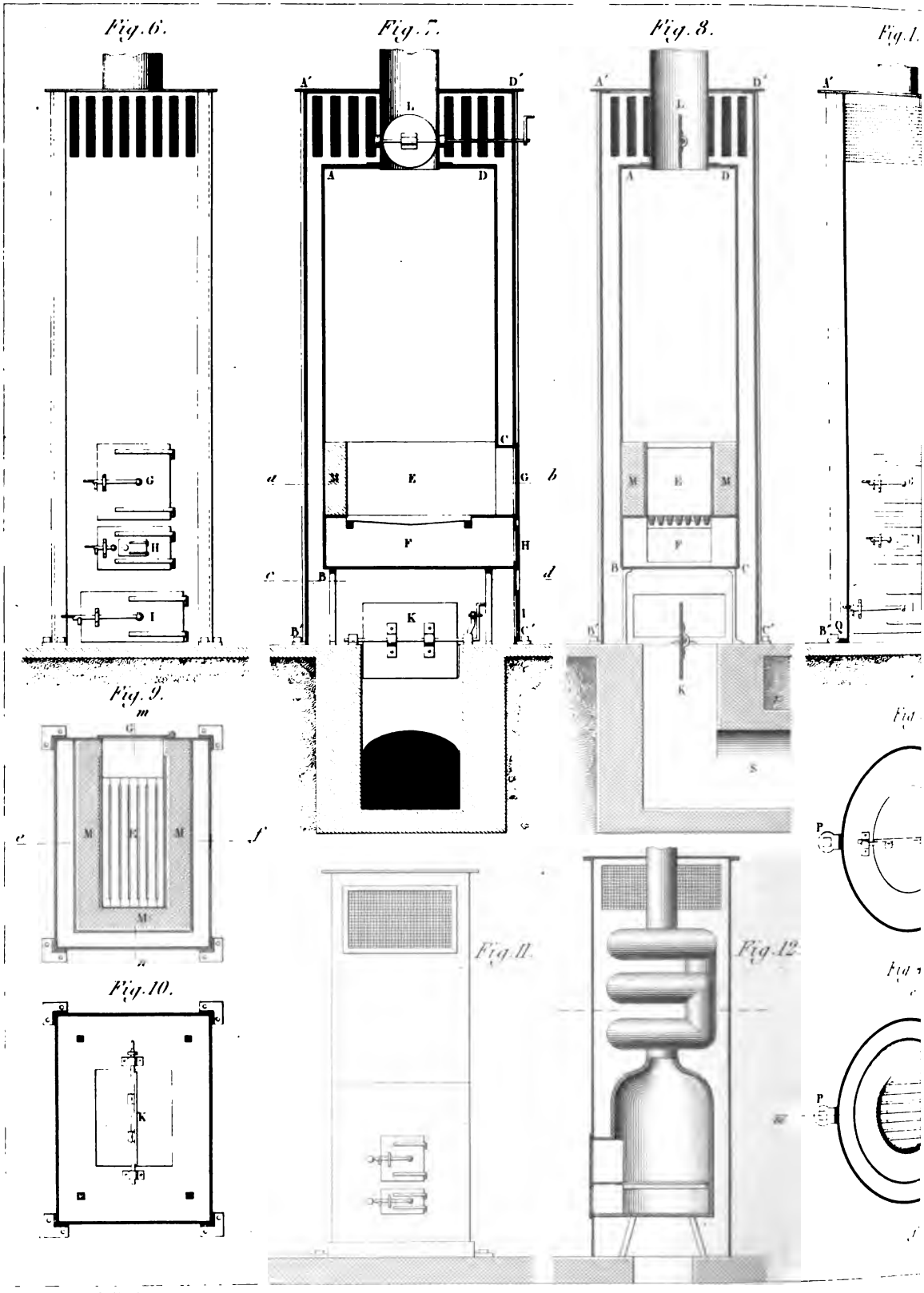


Gravé par E. Wormser



Librairie de L. Hachette.

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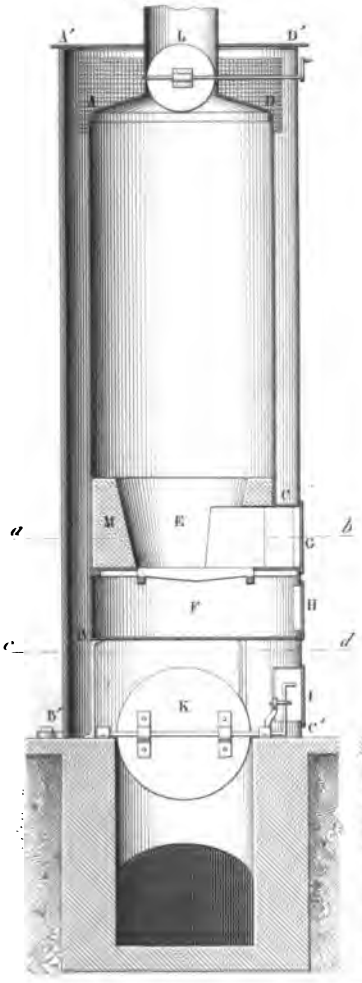

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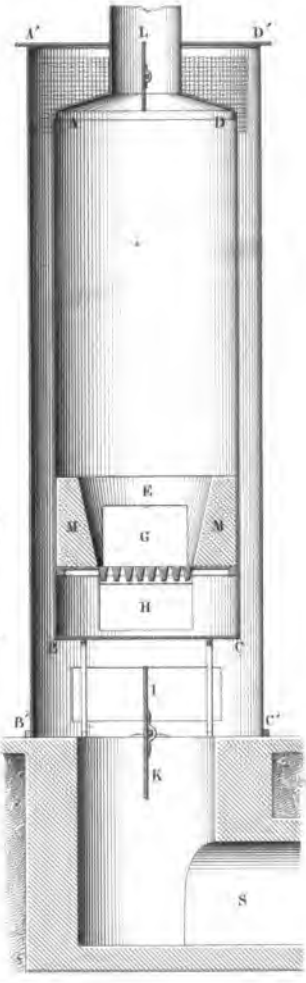

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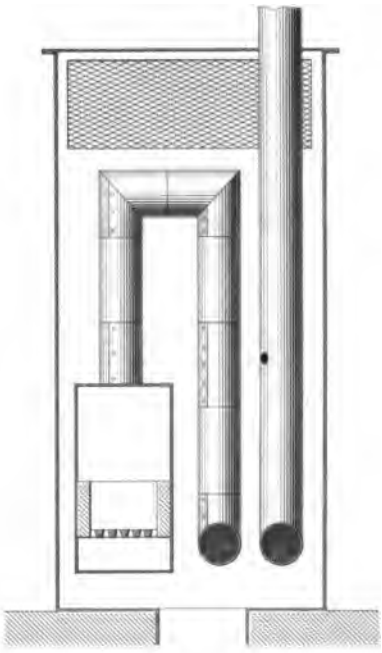

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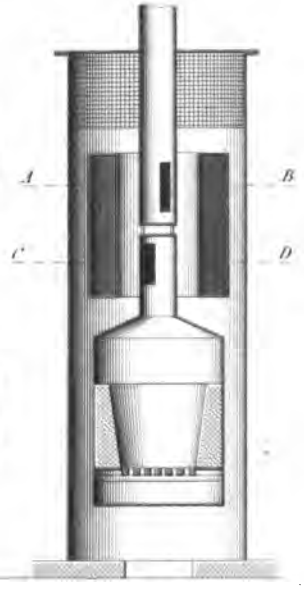


Fig. 15.

Fig. 19.

Fig. 13.

Fig. 14.

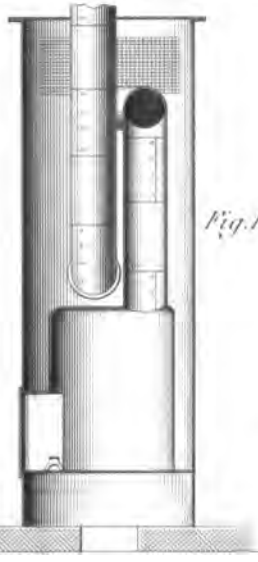
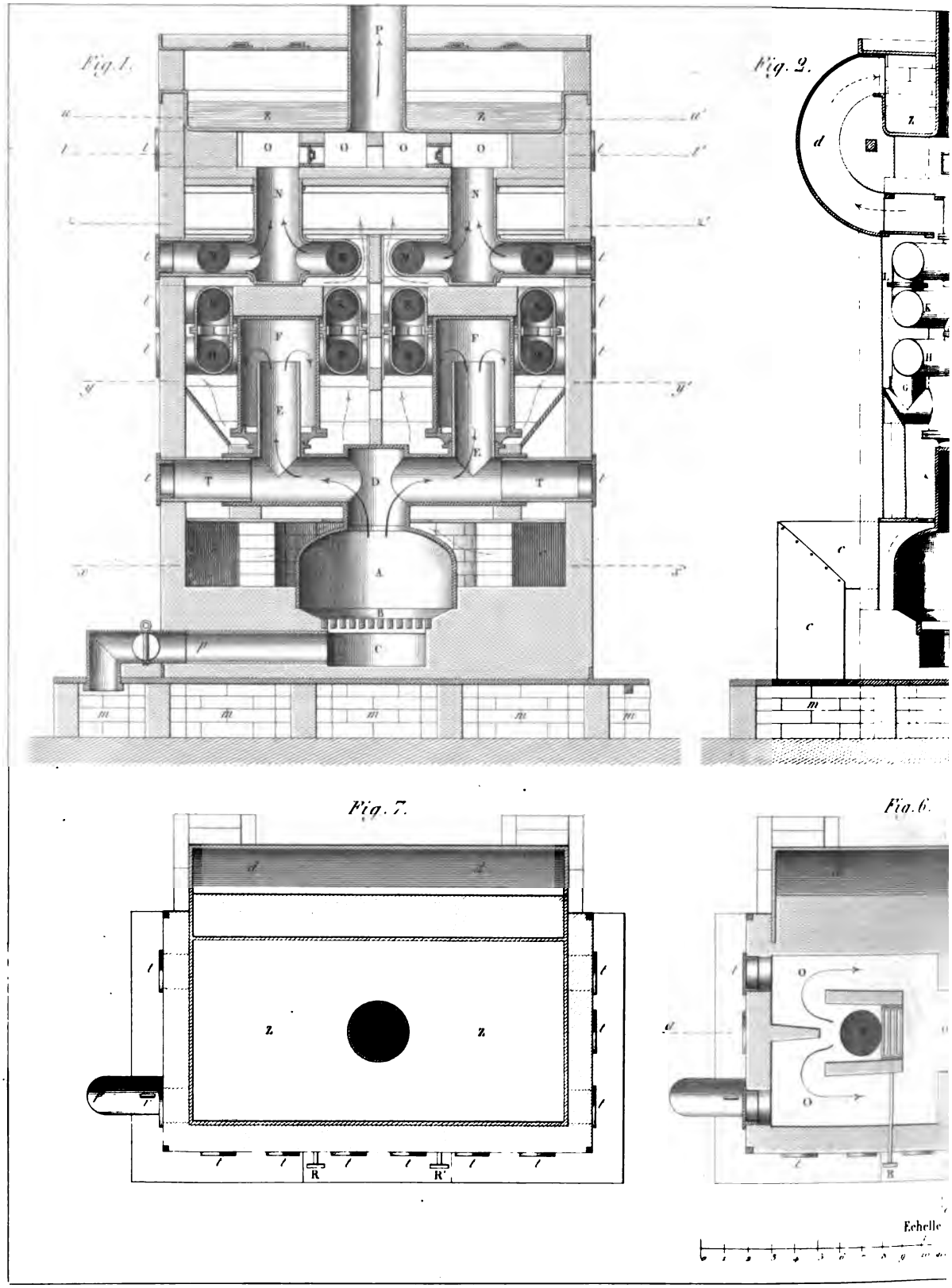
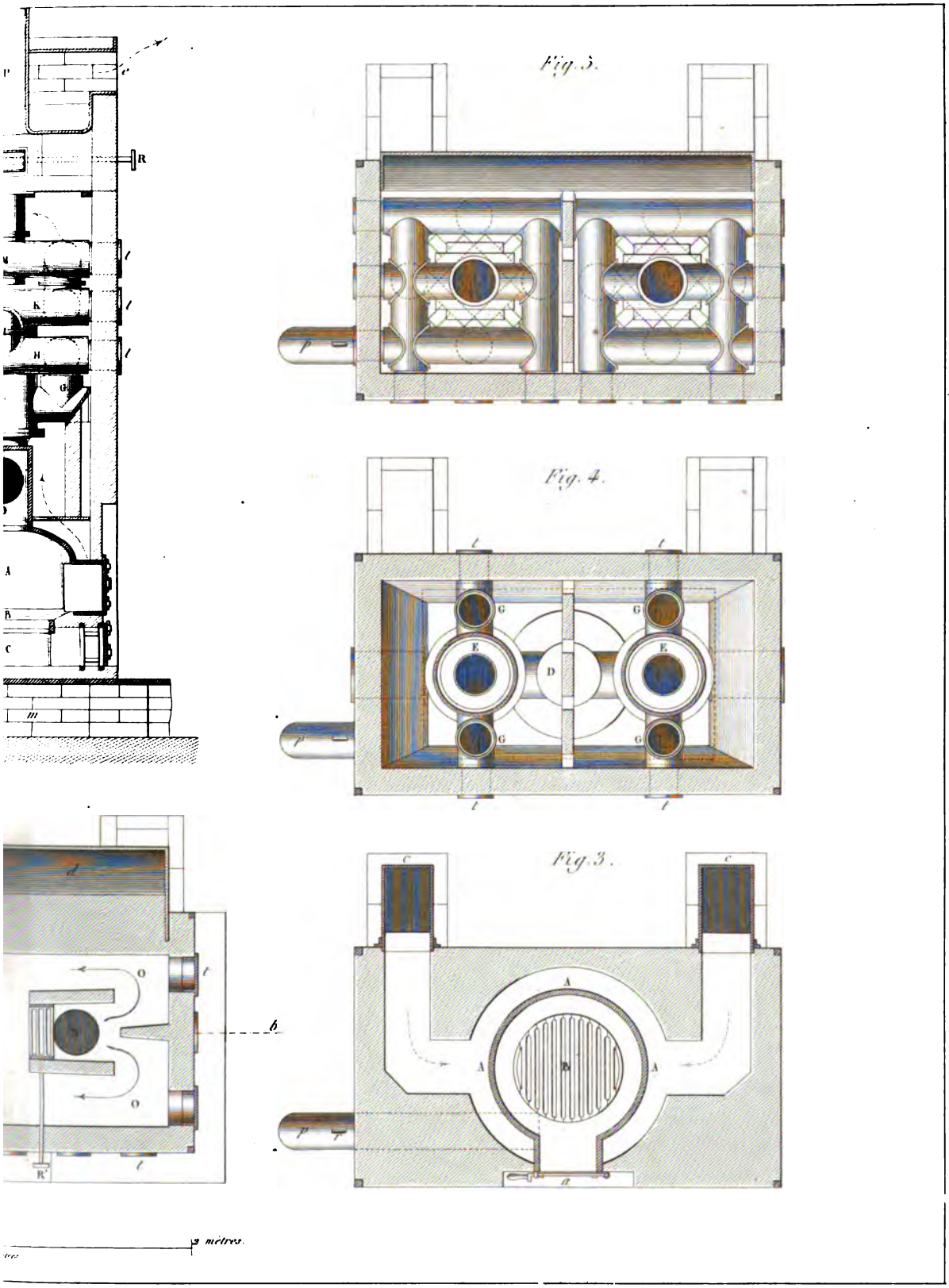


Fig. 20.

Gravé par E. Wormser



Librairie de L. Hachette.



Gravé par Guiguet

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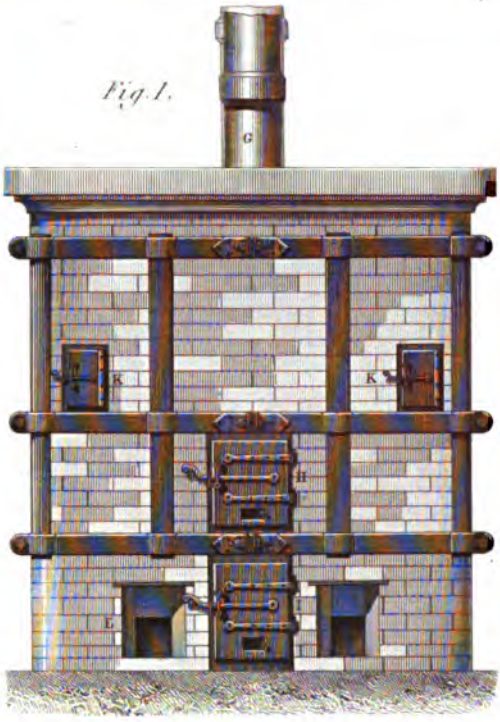

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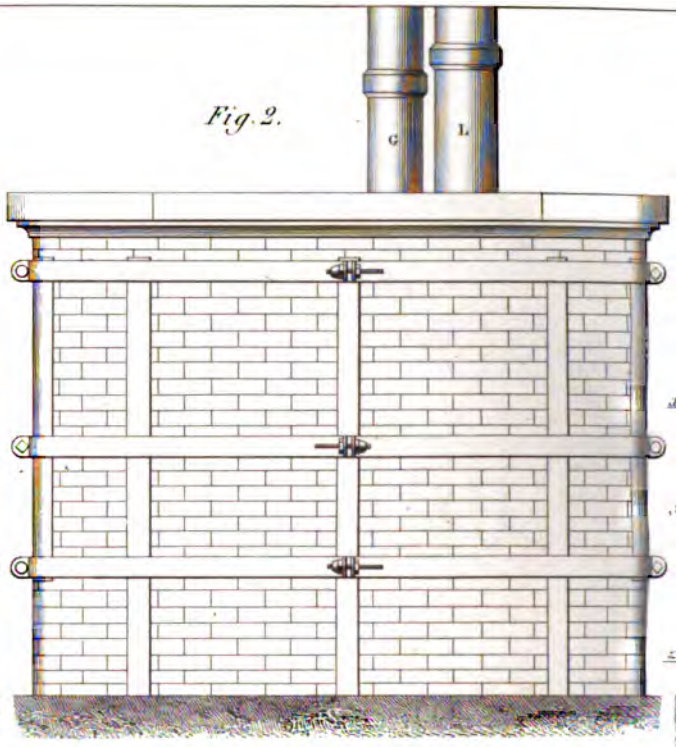

Eche

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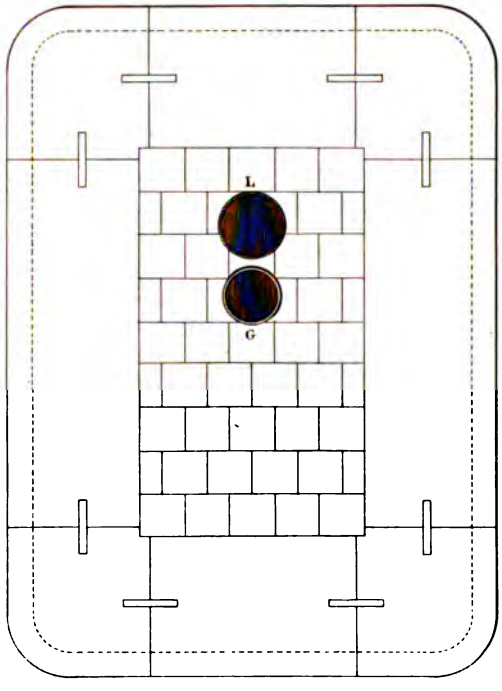
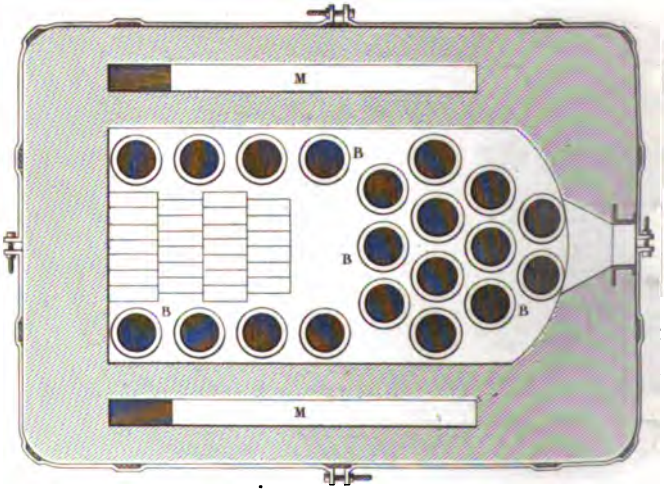
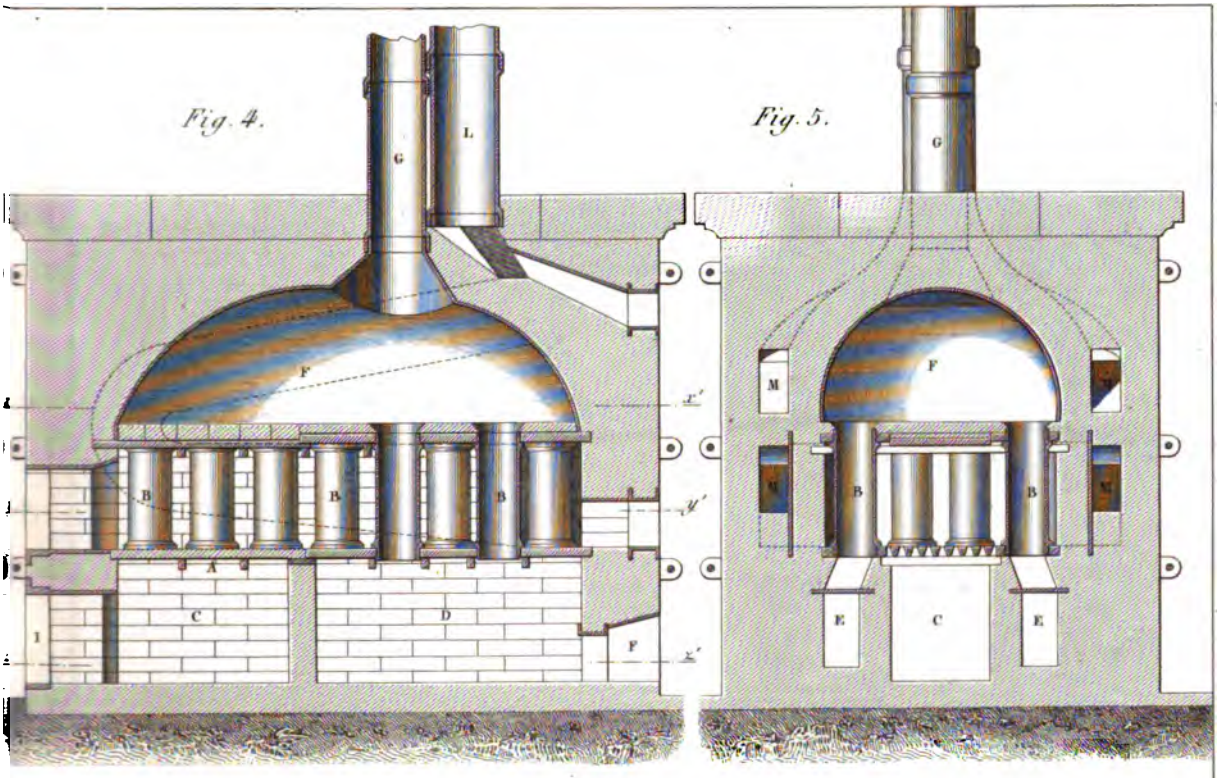
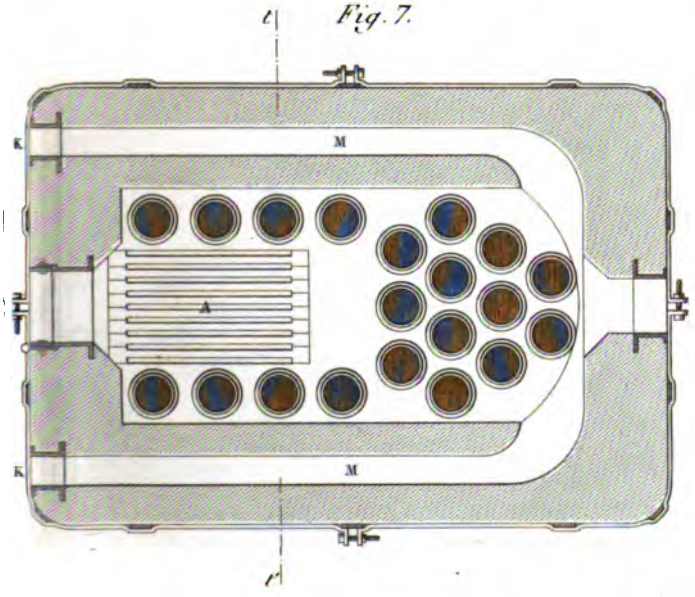
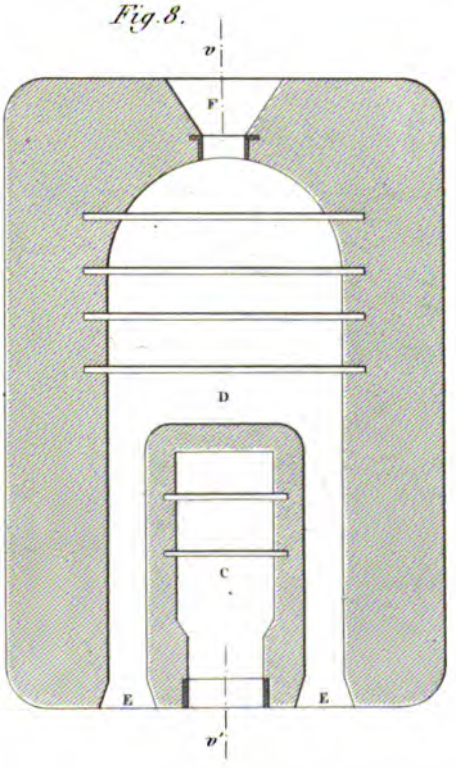


Fig. 6.









Gravé par Guiguet.

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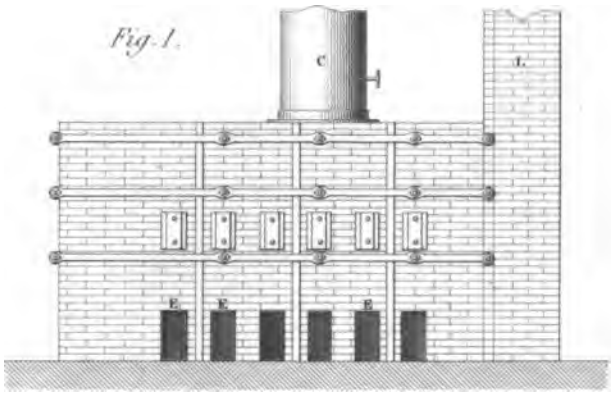

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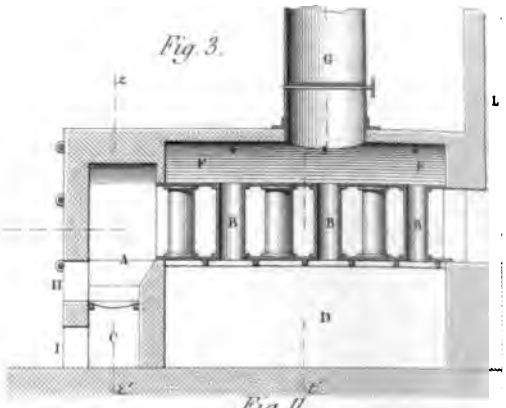

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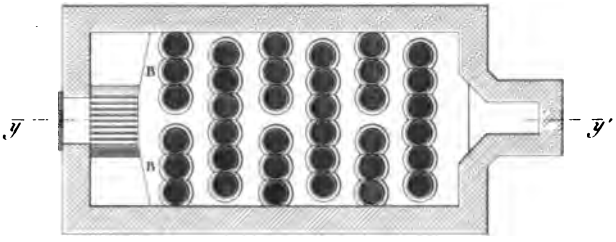

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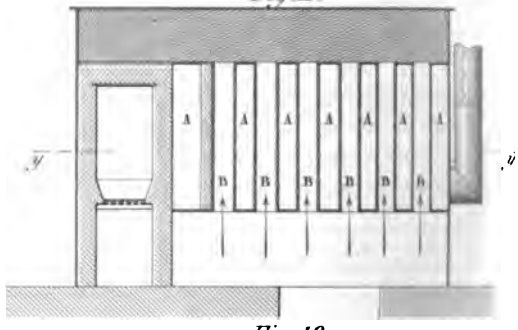

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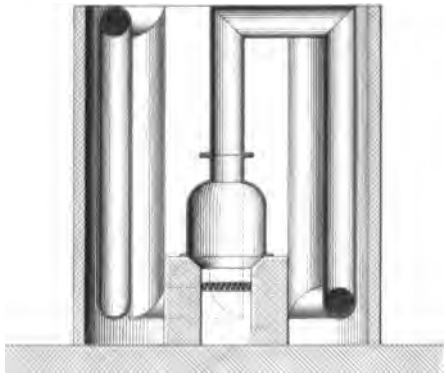


Fig. 6.

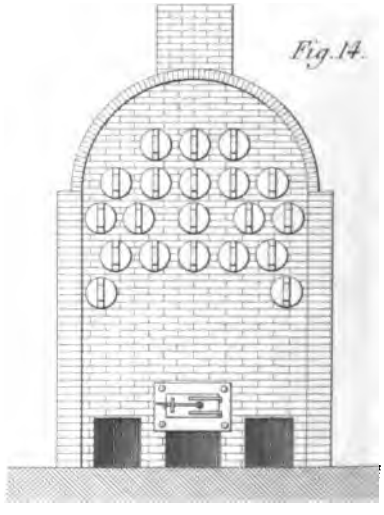
Fig. 7.

Fig. 8.

Fig. 9.

Fig. 12.

Fig. 14.



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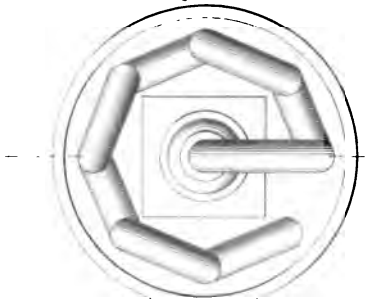

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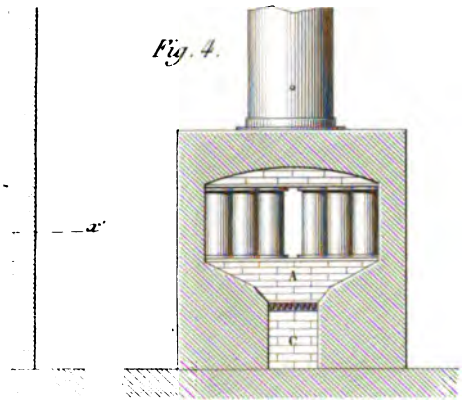

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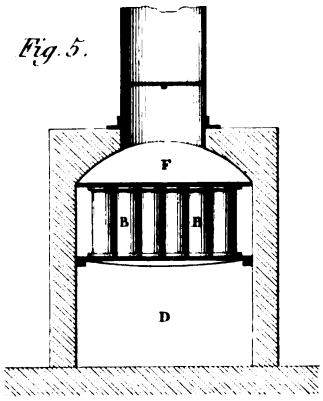

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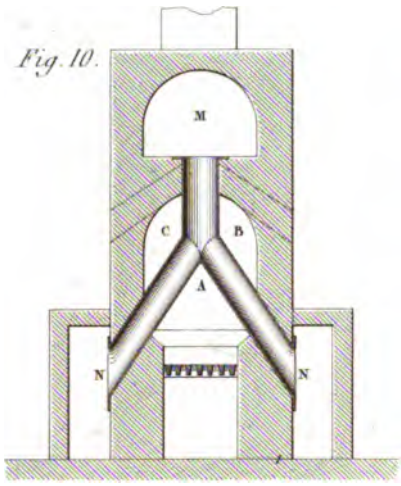

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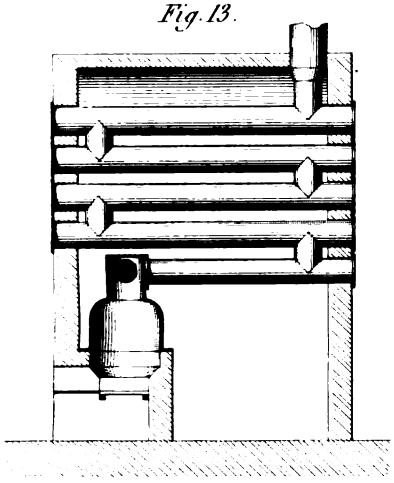

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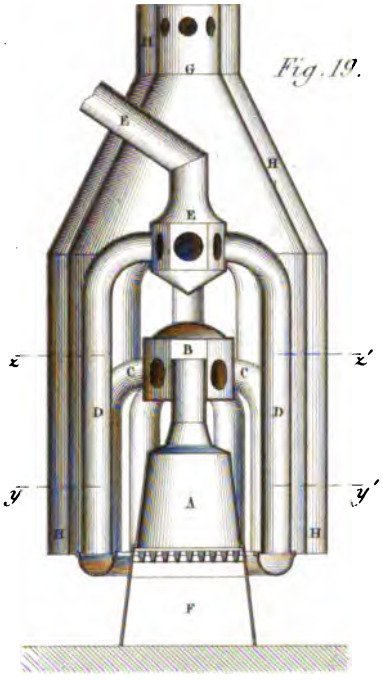

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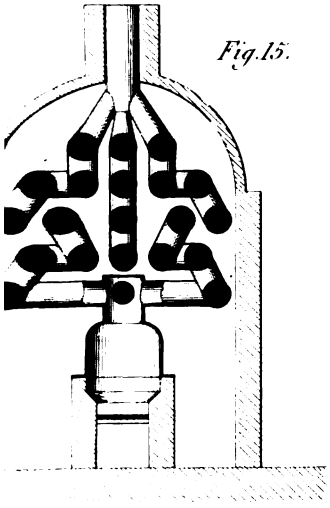

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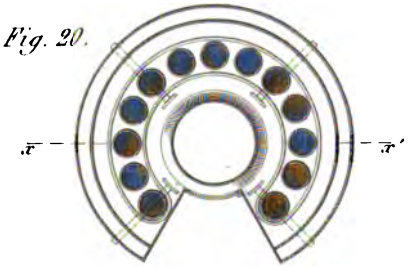

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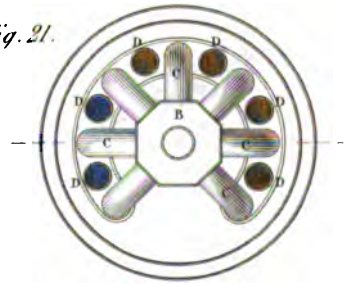
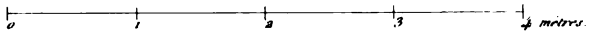


Echelle des Fig. 1, 2, 3, 4, 5, 10, 13, 14 et 15.



Gravé par E. Wörmser

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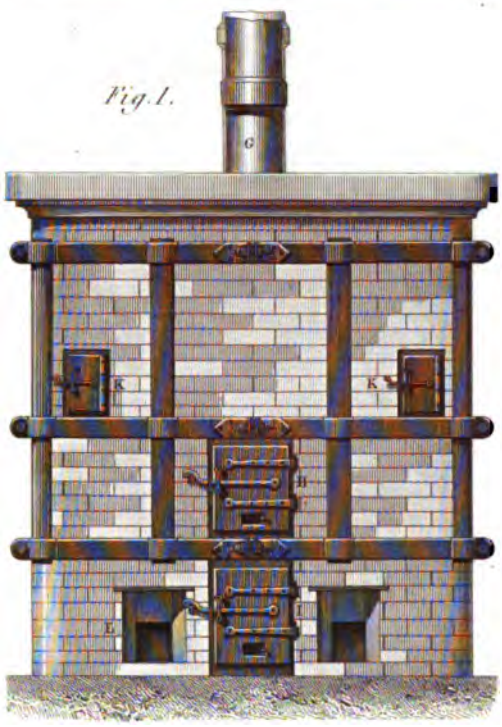

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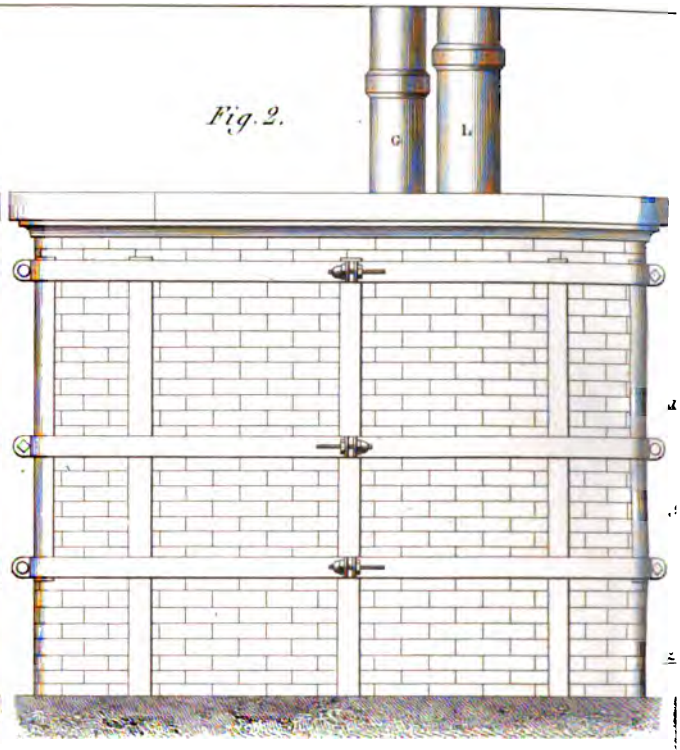

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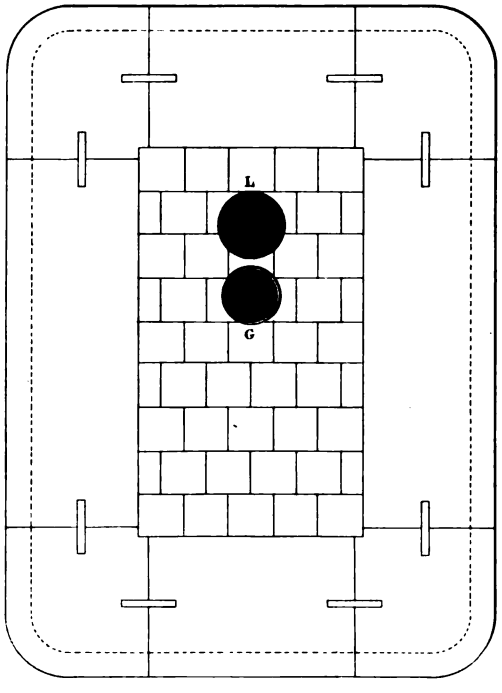

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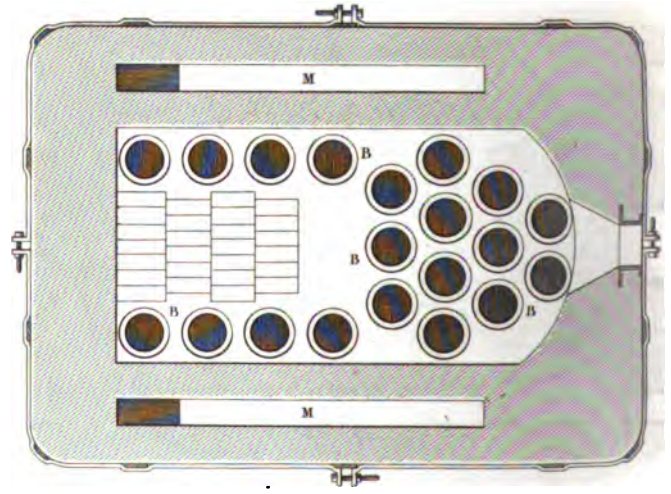

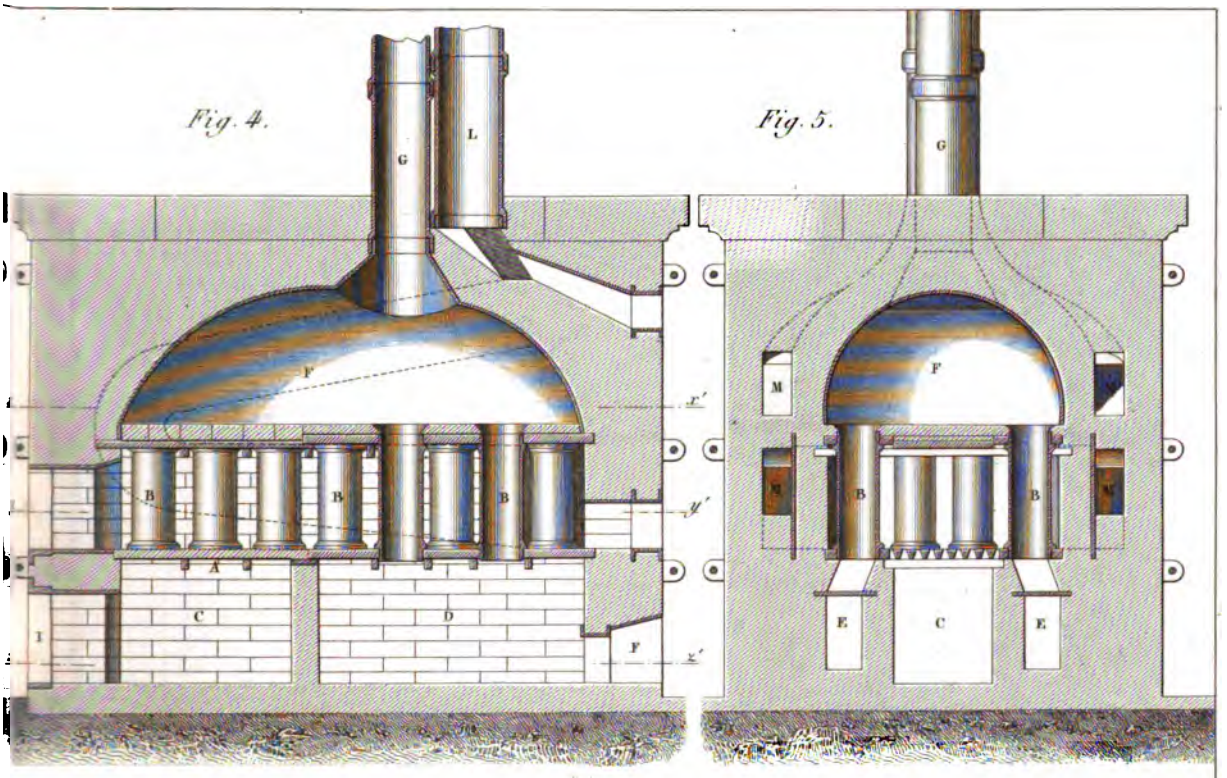

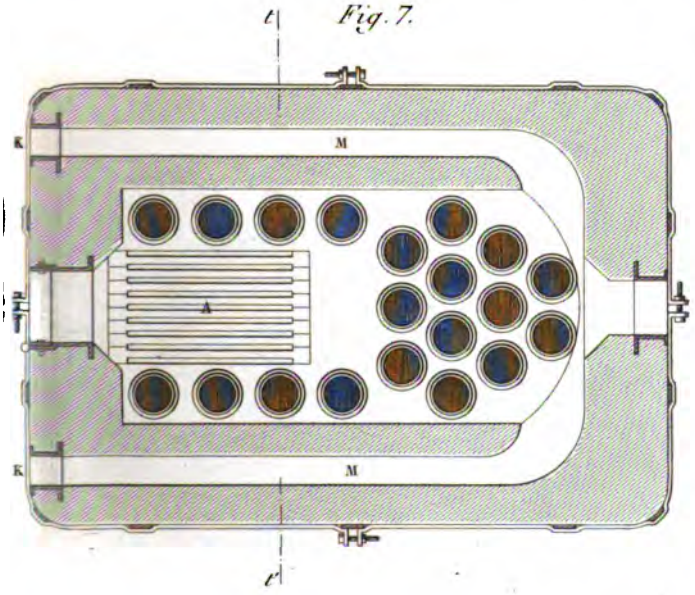

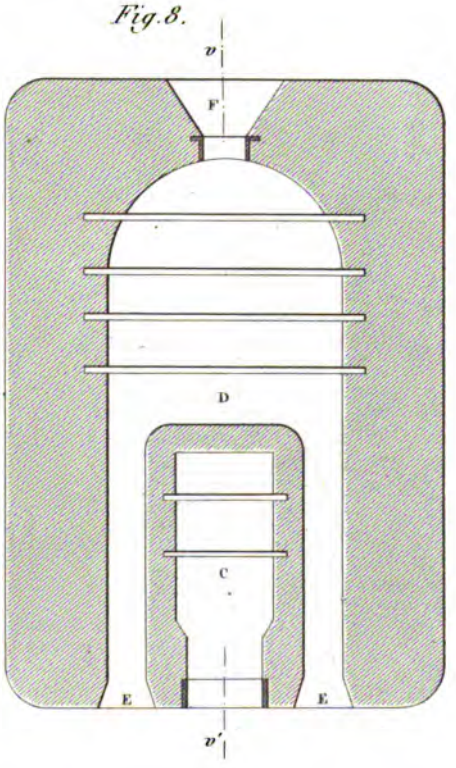

Gravé par Guiguet

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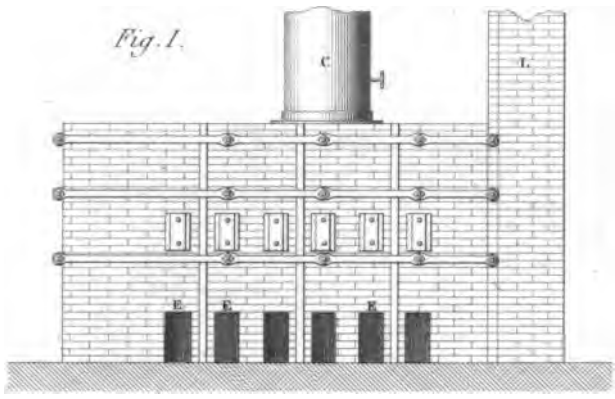

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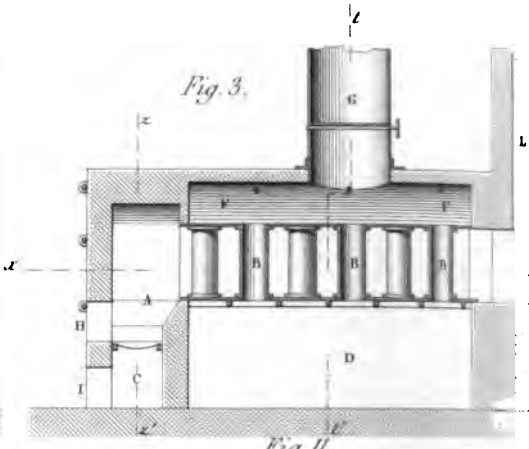

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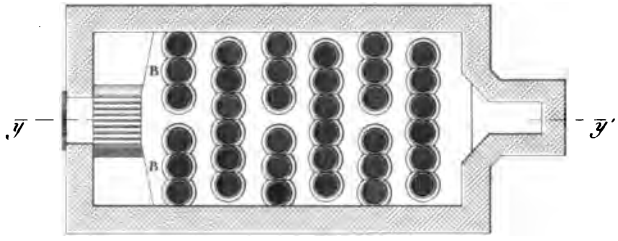

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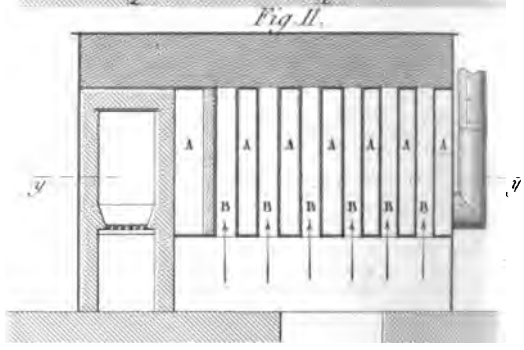

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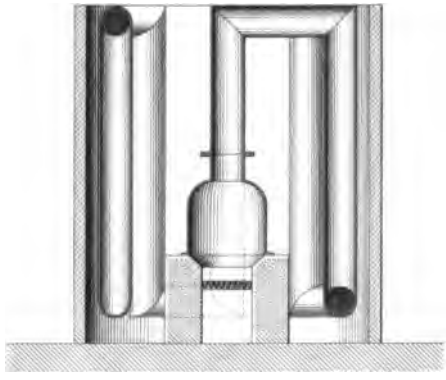

Fig. 6.

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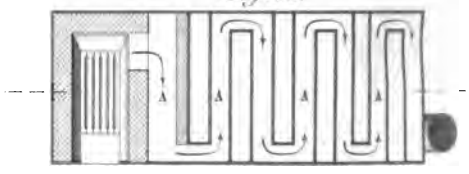

Fig. 7.

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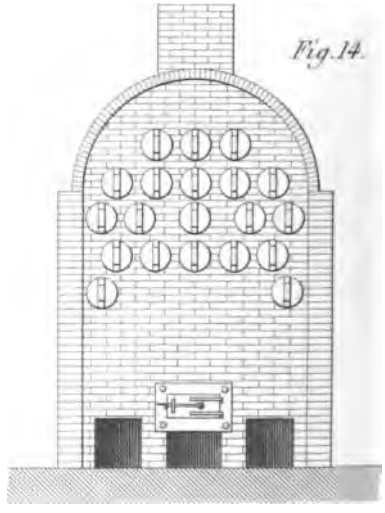

Fig. 8.

Fig. 17.

Fig. 9.

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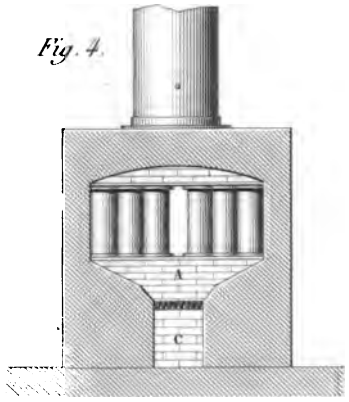

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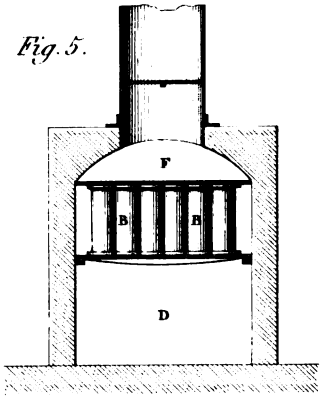

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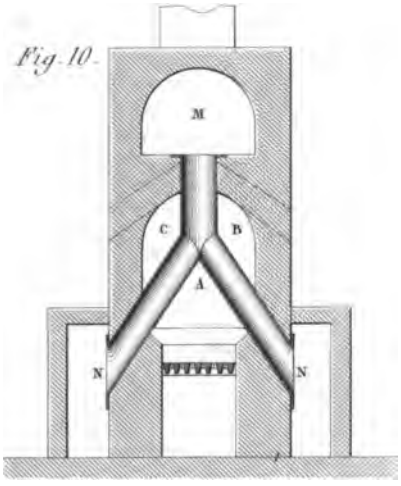

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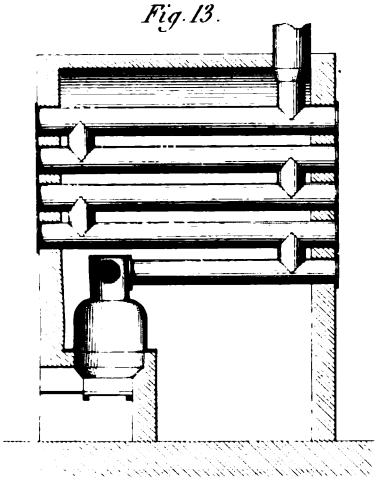

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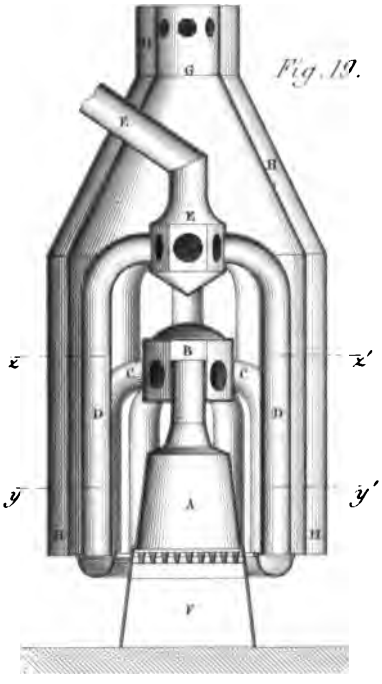

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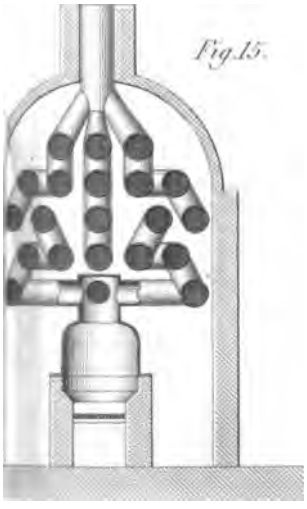

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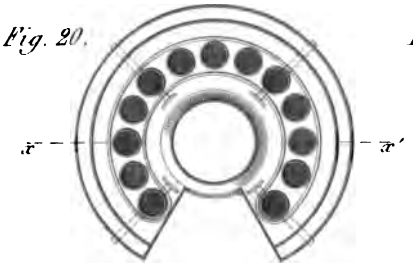

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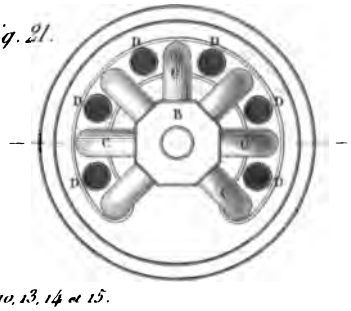

Echelle des Fig. 1, 2, 3, 4, 5, 10, 13, 14 et 15.

Gravé par E. Wermser.

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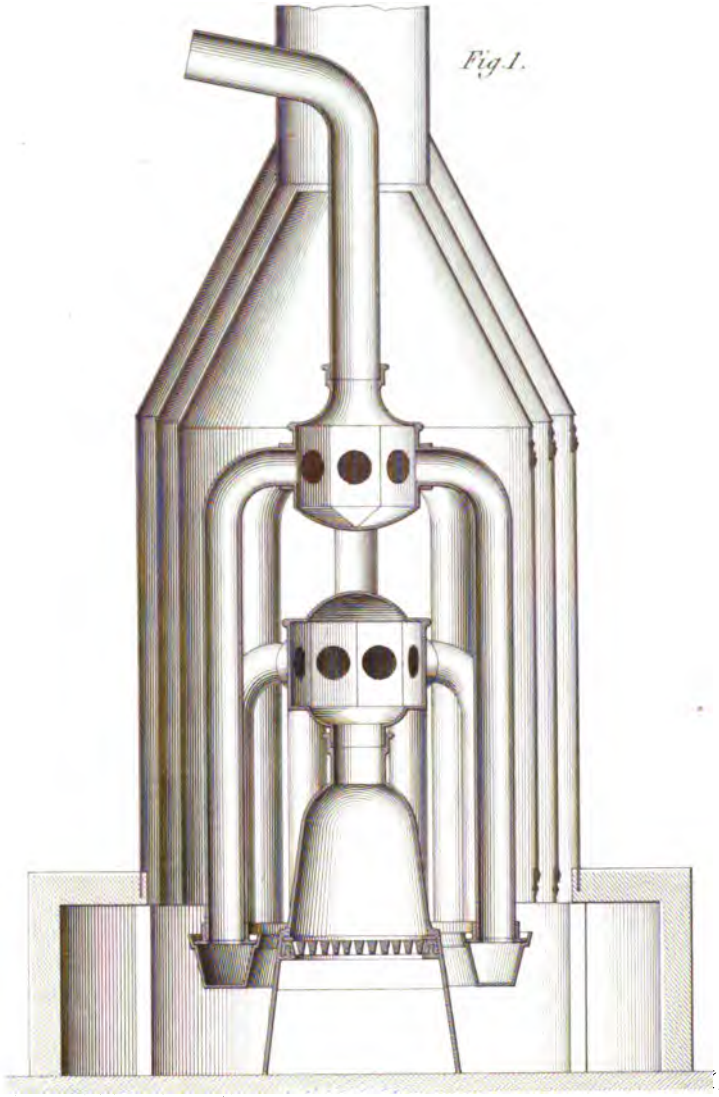

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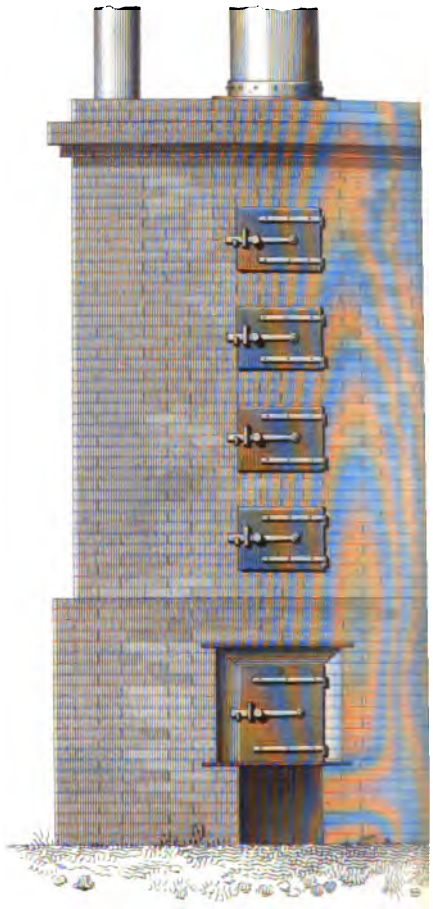

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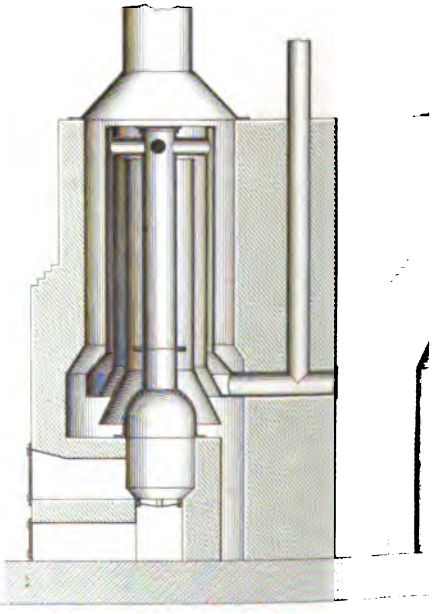


Échelle des Fig 1 et 3

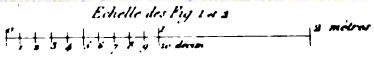
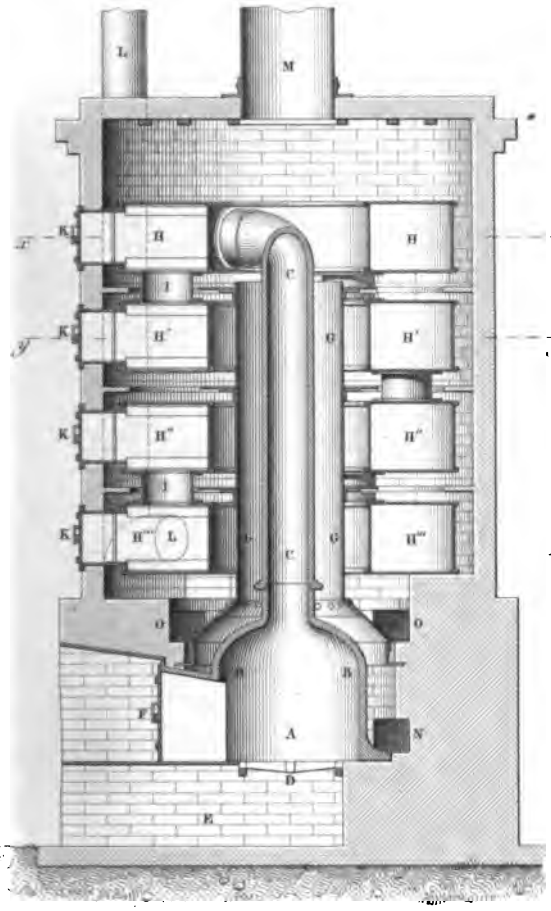


Fig. 2.

Librairie de L. Hachette.

Fig. 4.



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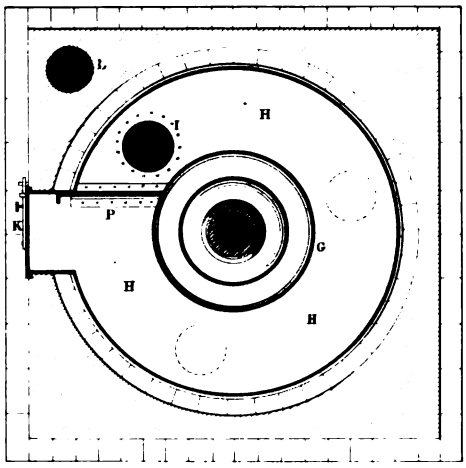

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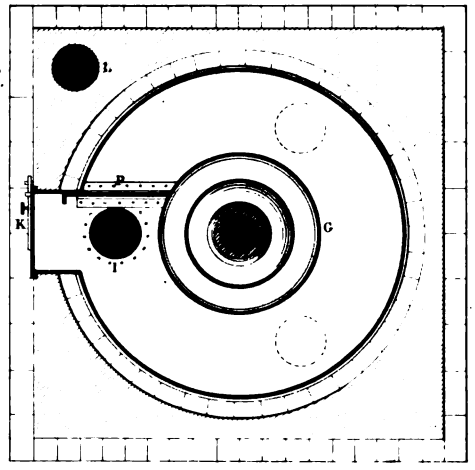

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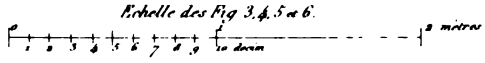

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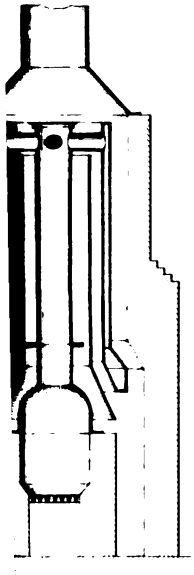

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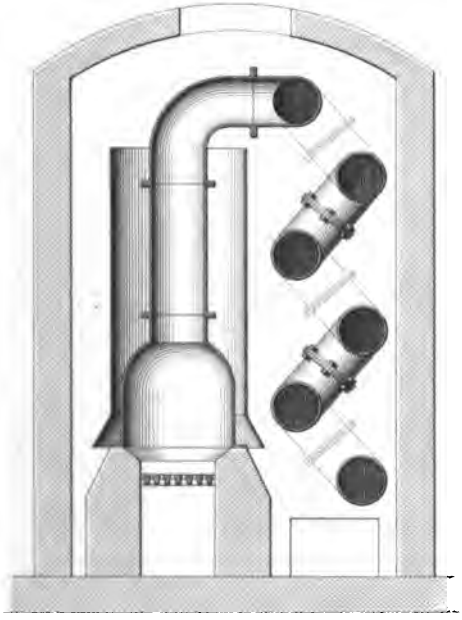

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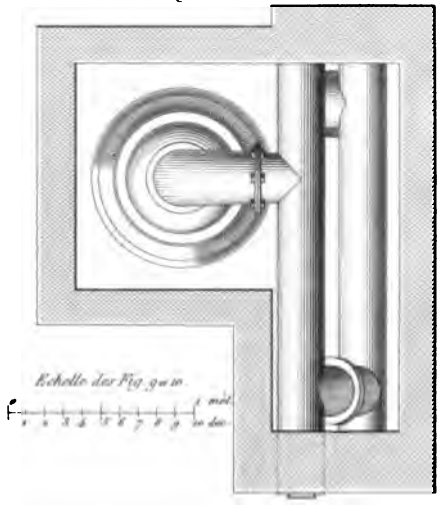

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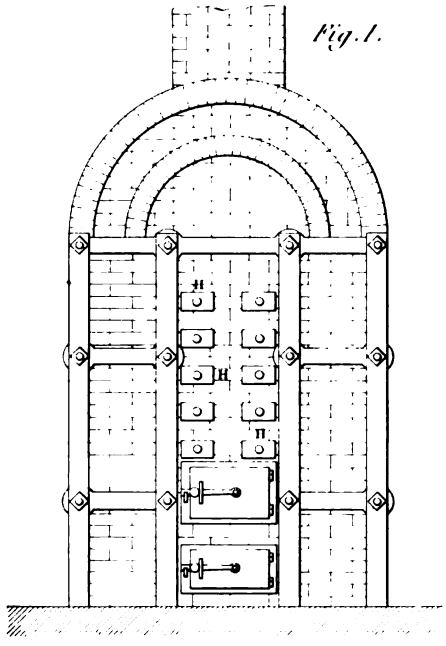

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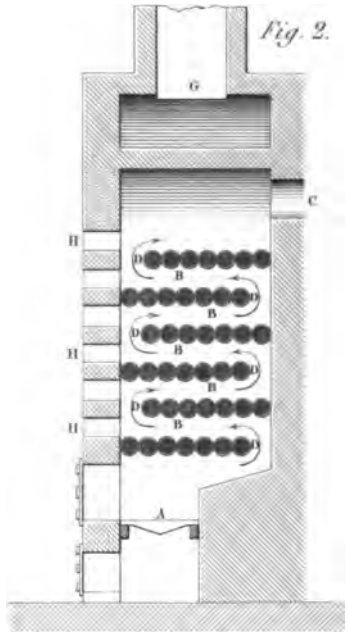

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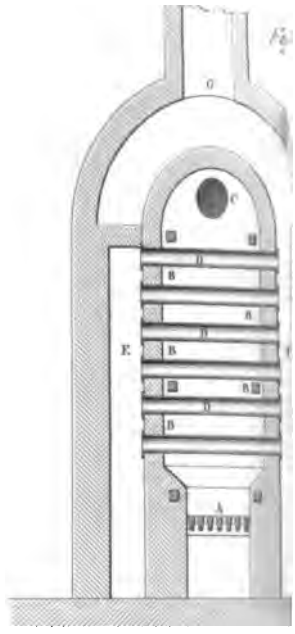

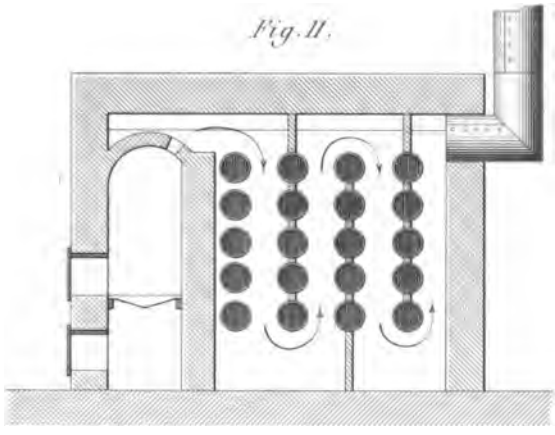

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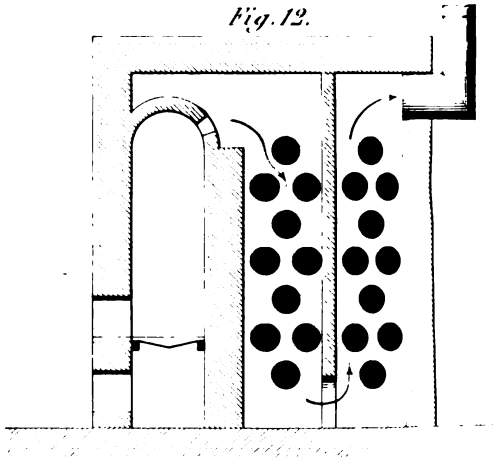

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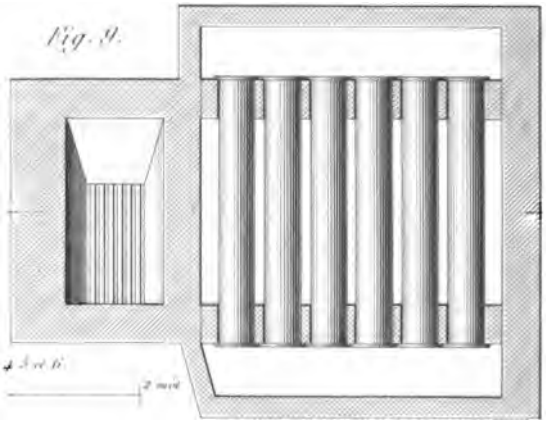

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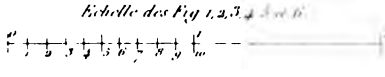
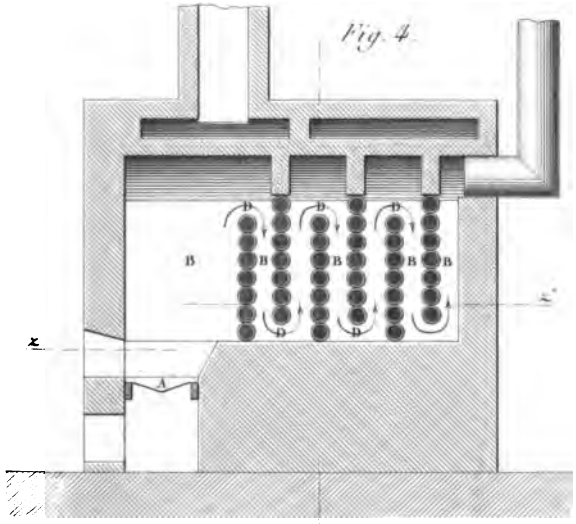


Échelle des Fig. 1, 2, 3, 4 et 6.

g 3.

Fig. 4.



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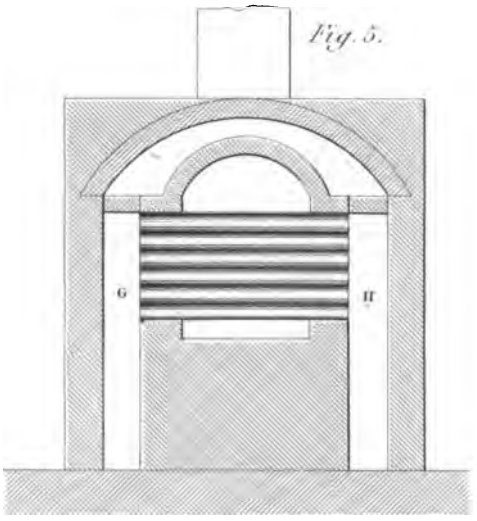

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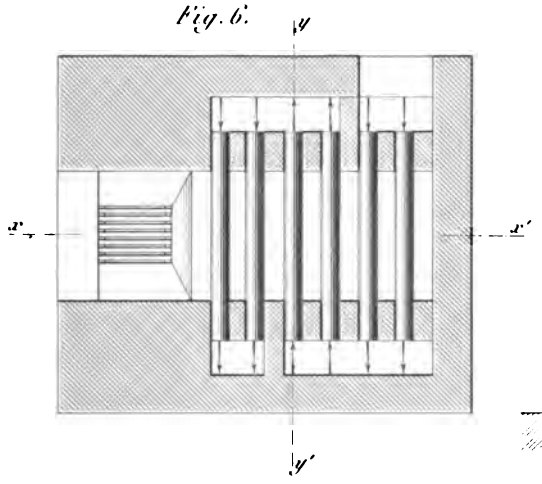

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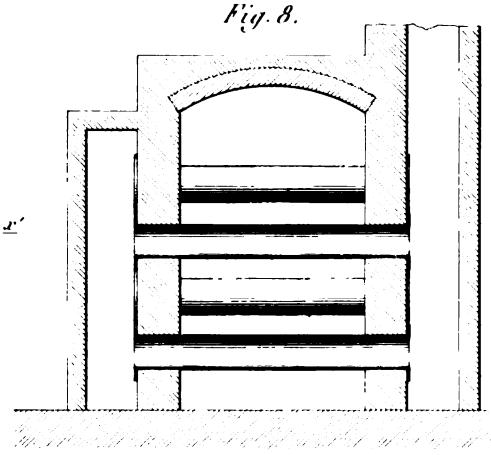

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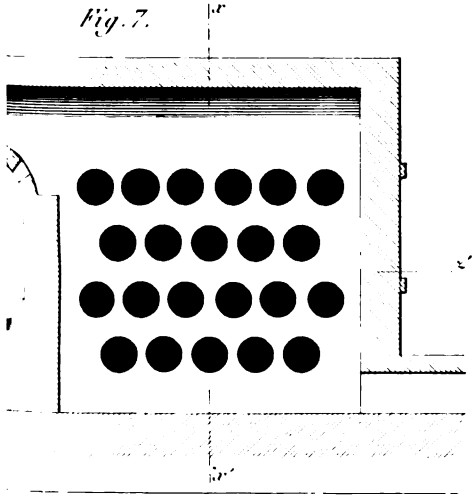

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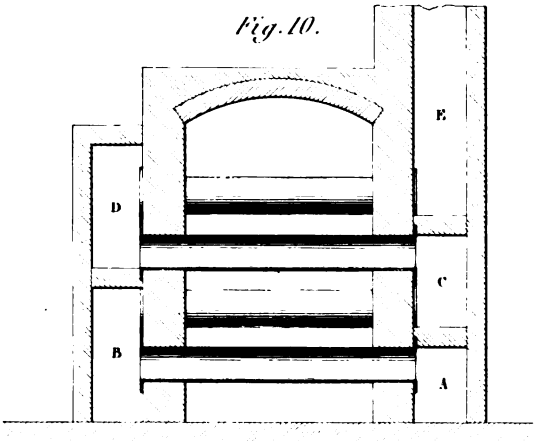

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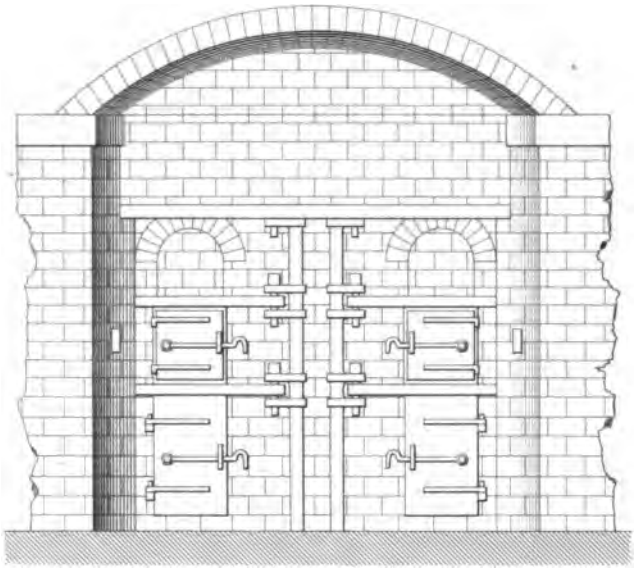

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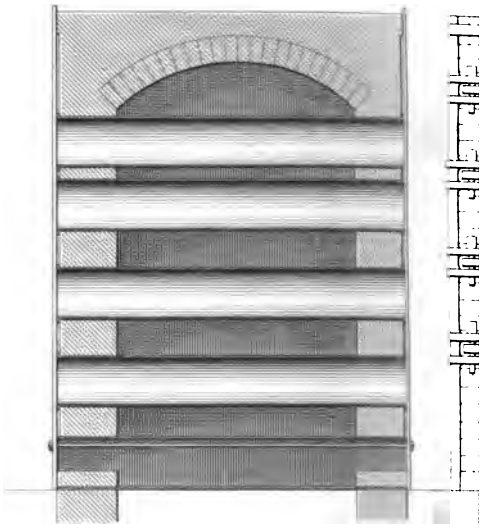

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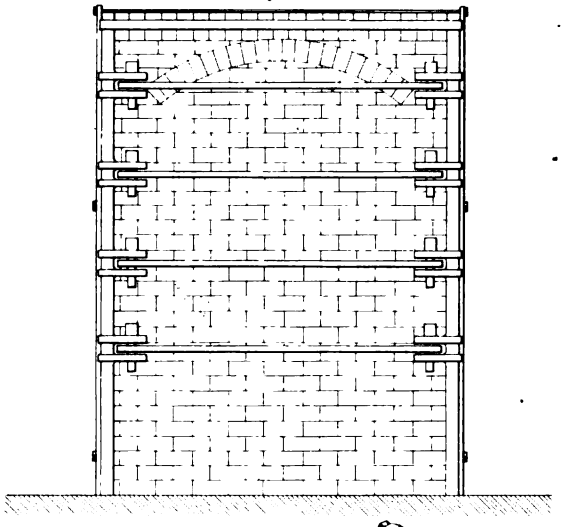

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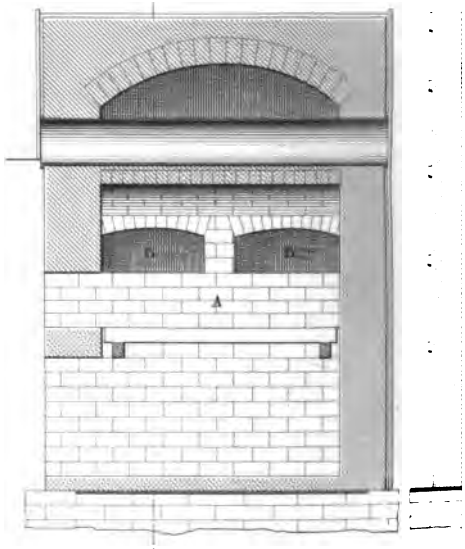

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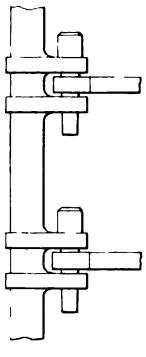

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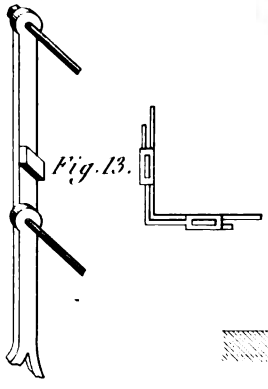

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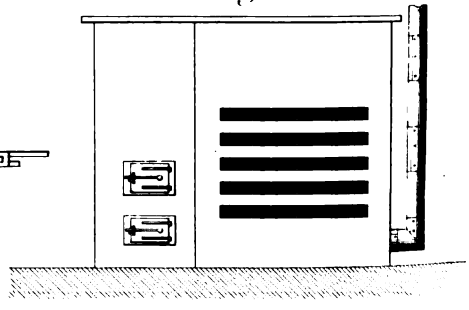

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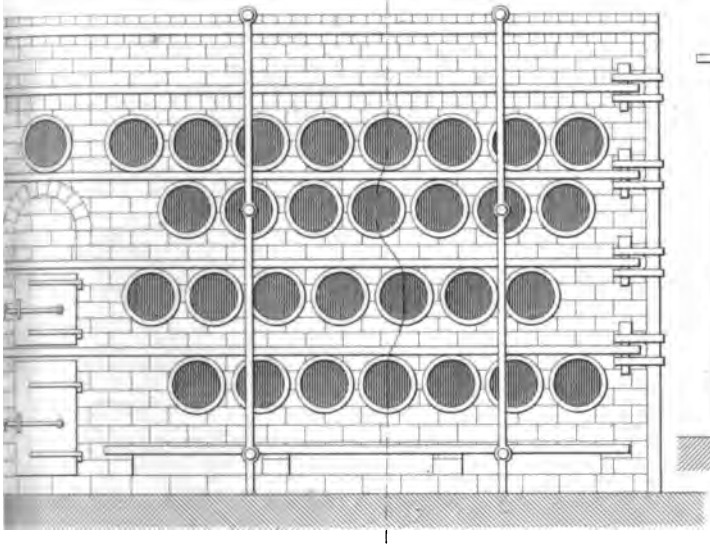

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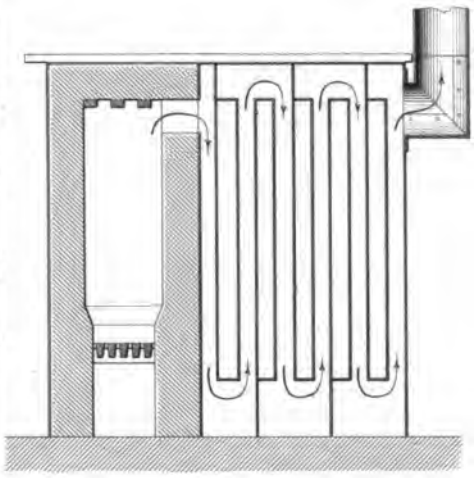

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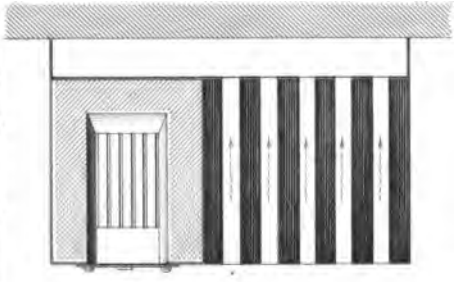

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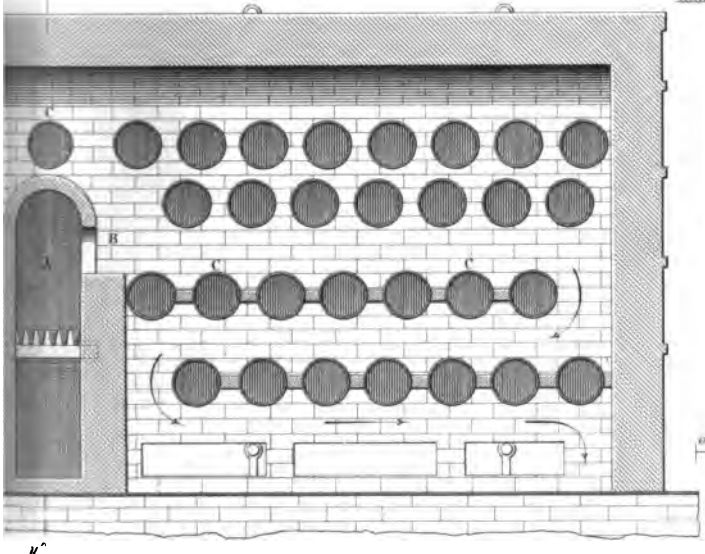
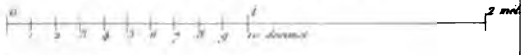


Echelle des Fig. 6, 7, 8, 9, 10 et 11



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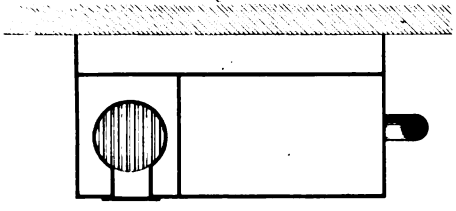
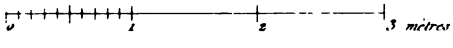


Echelle des Fig. 3, 4 et 5.



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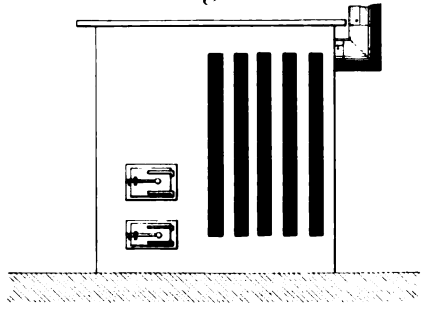

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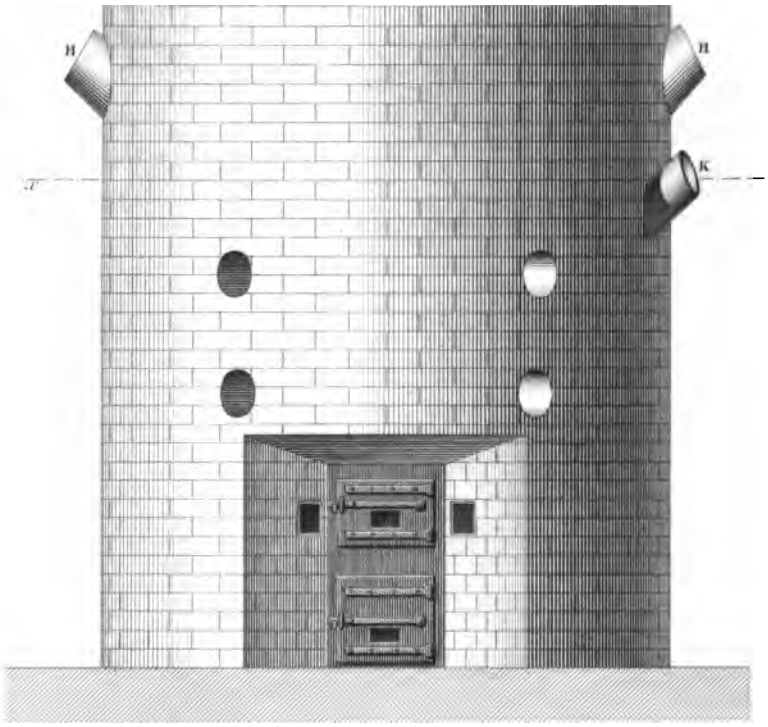

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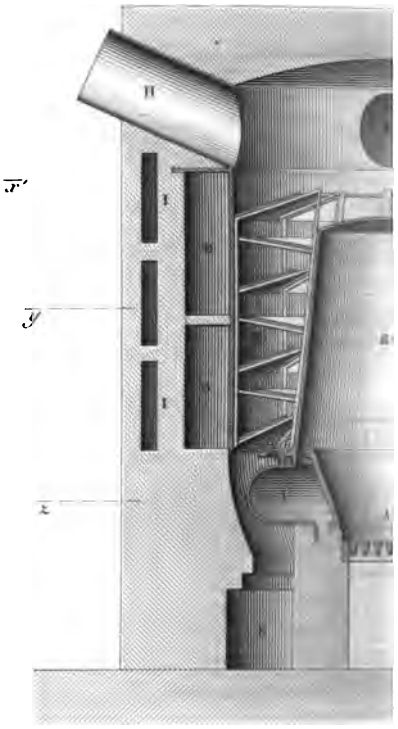

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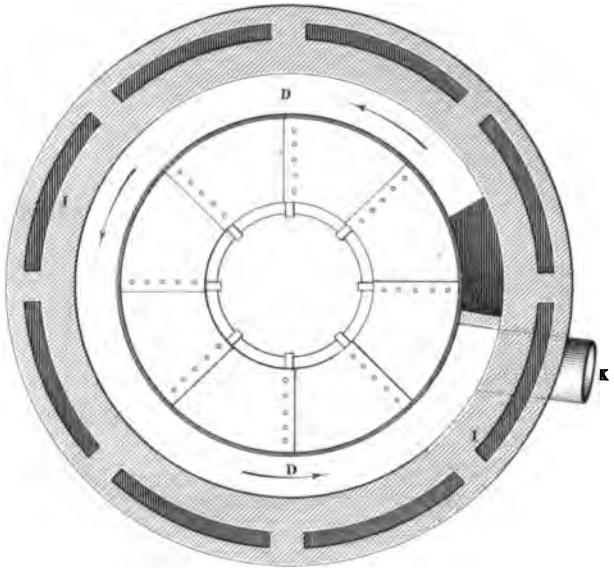

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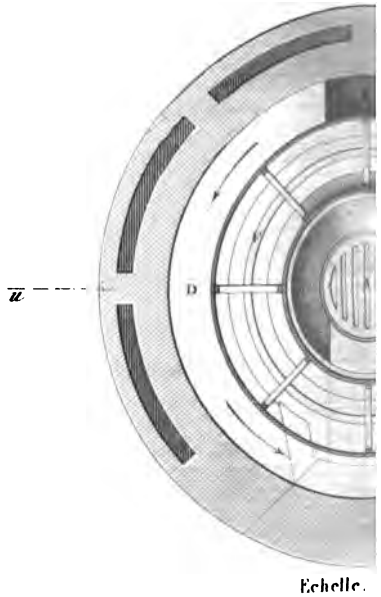

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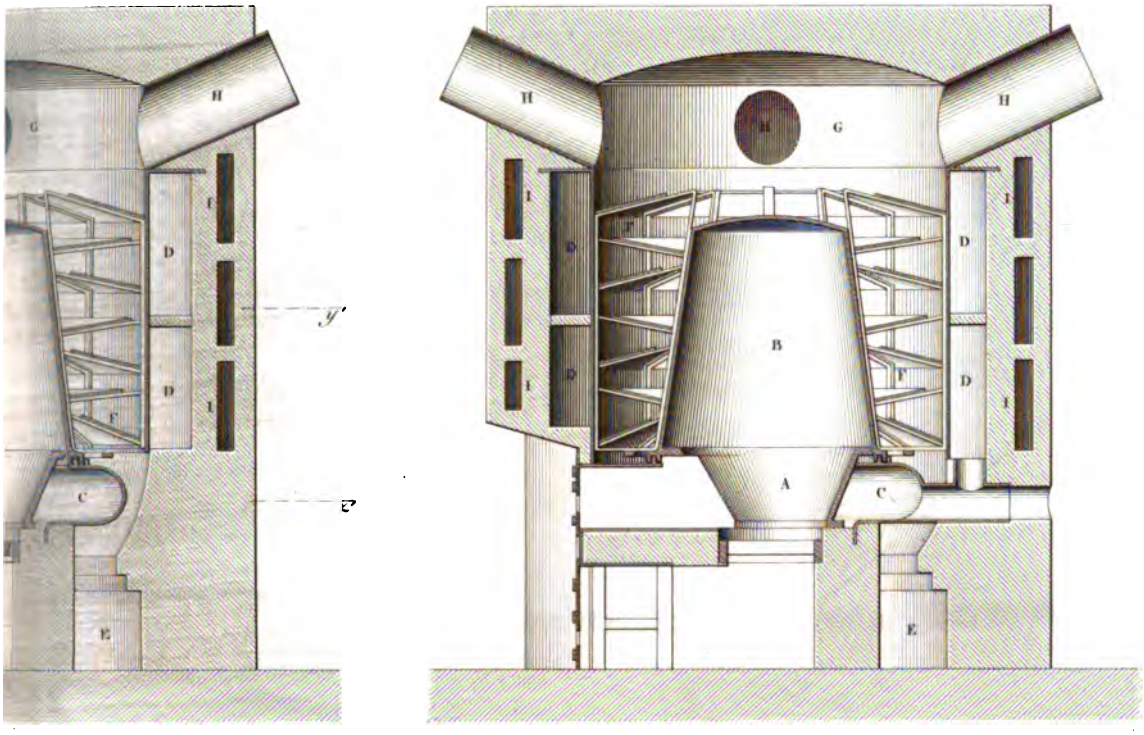

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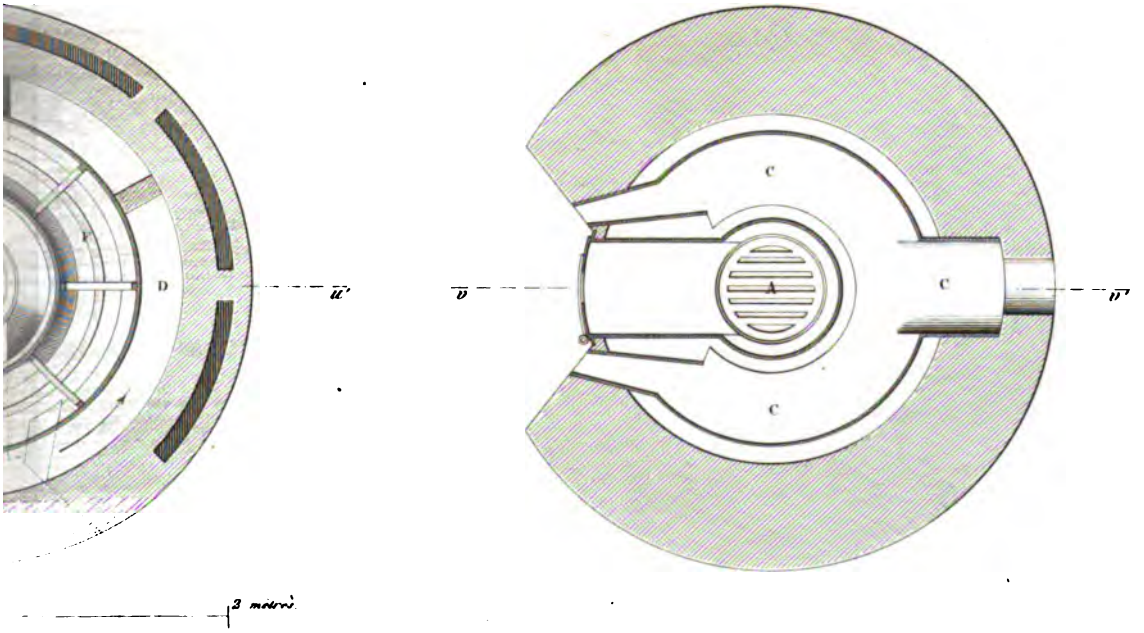

Gravé par J. Petitvalin.

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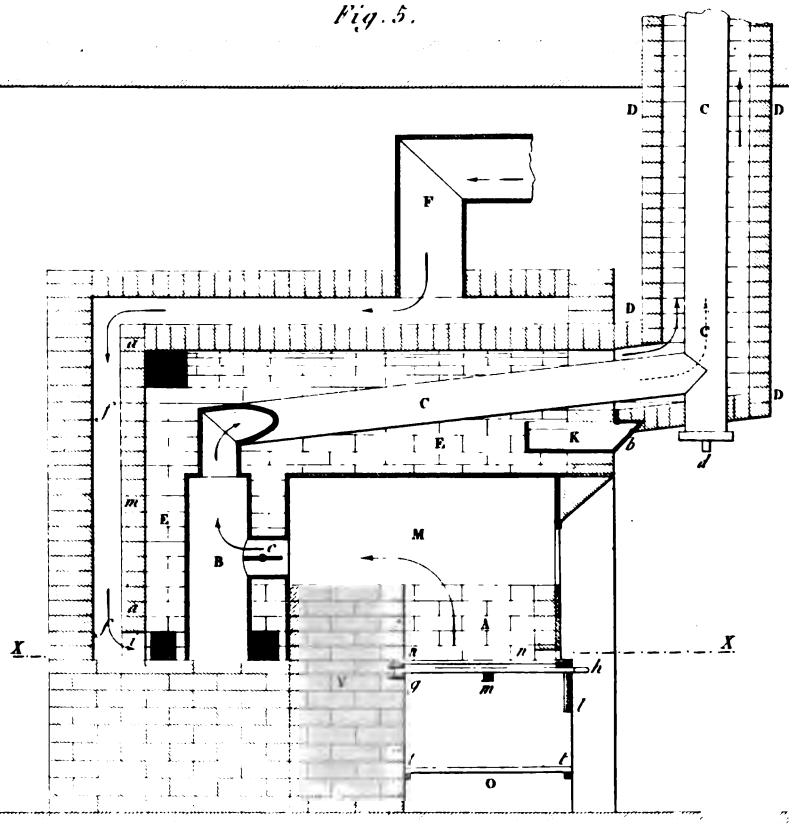

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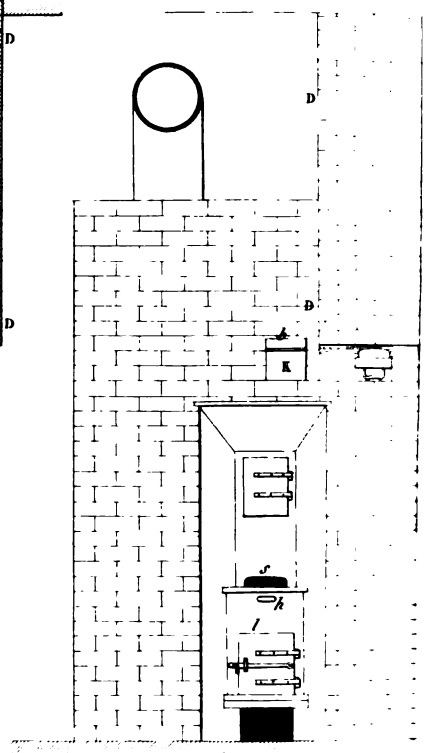
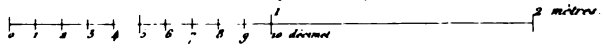


Echelle des Fig. 5, 6 et 7.



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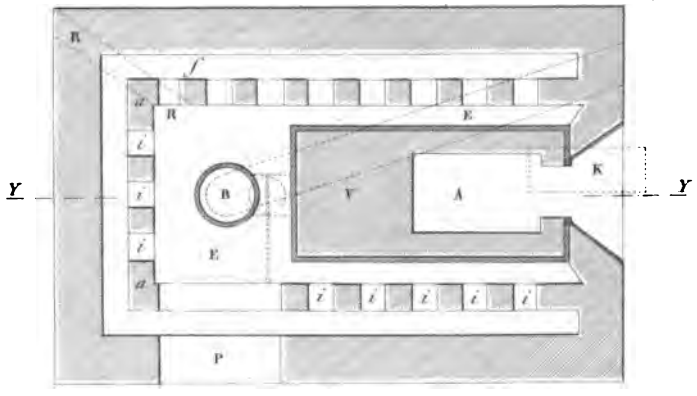

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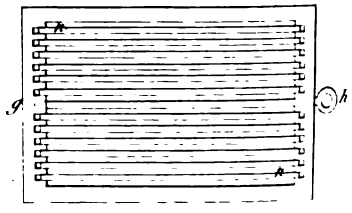
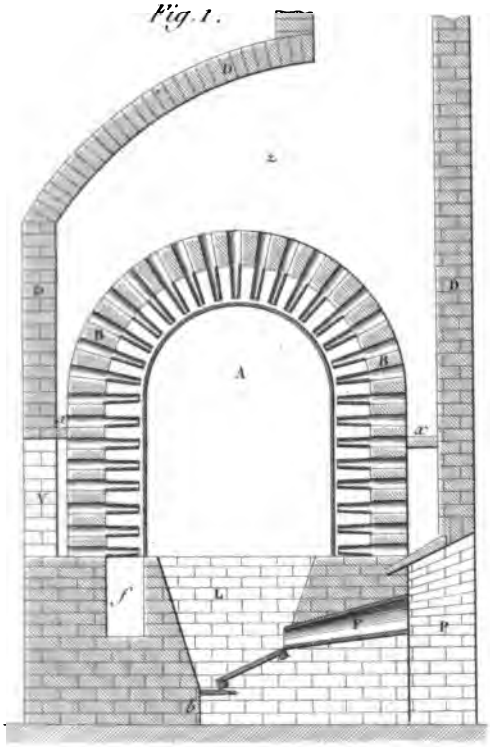


Fig. 1.



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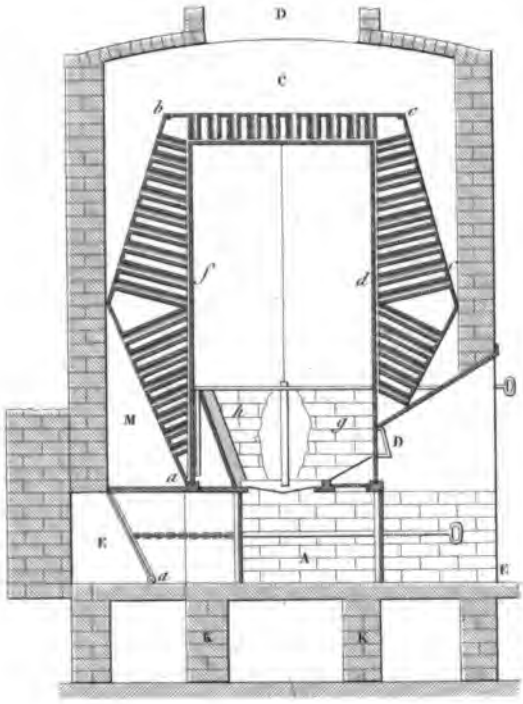

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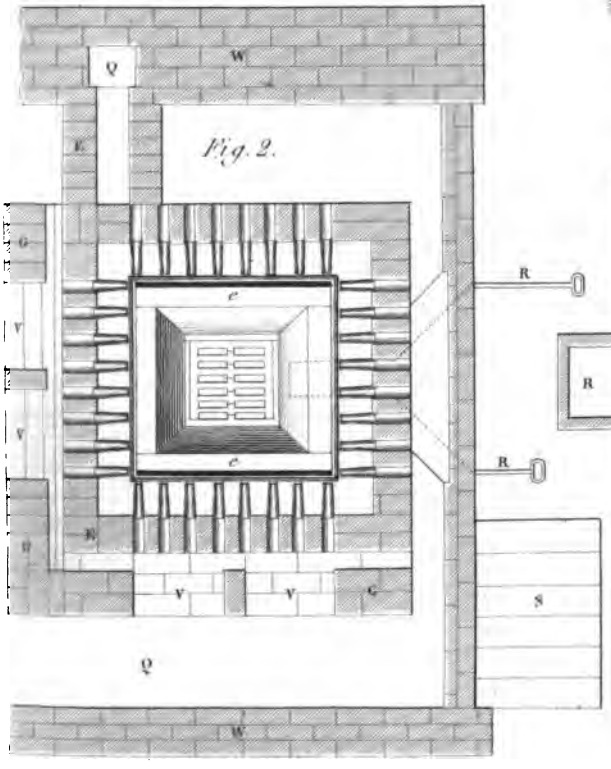

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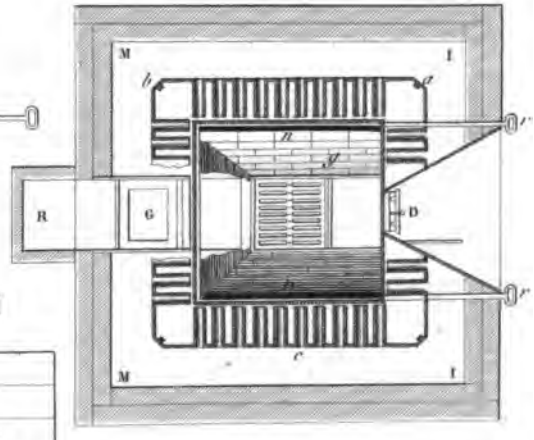

tirage par Duvau.

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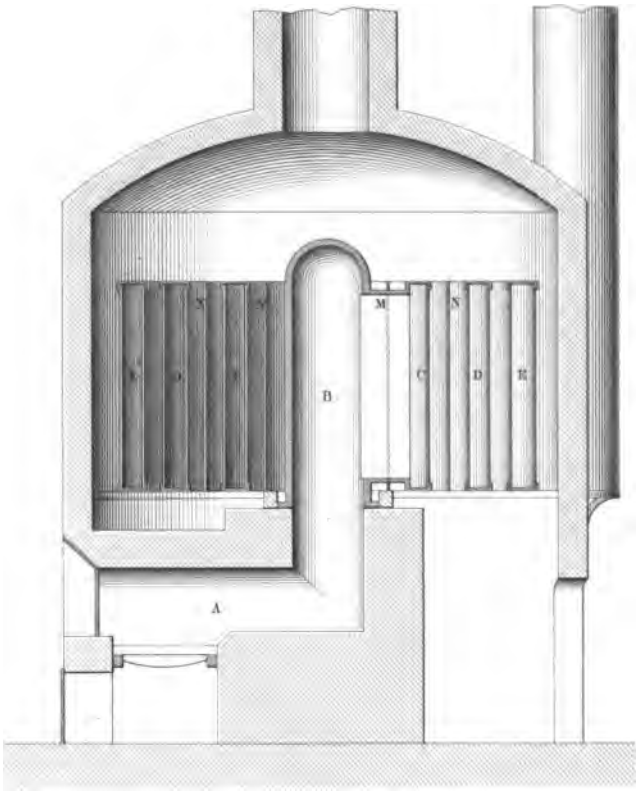

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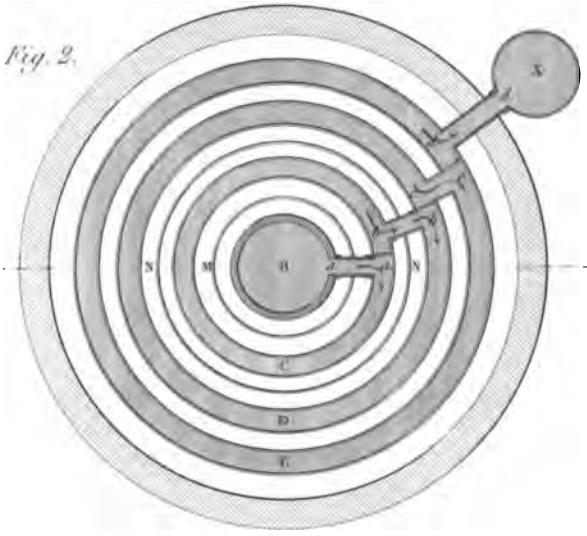

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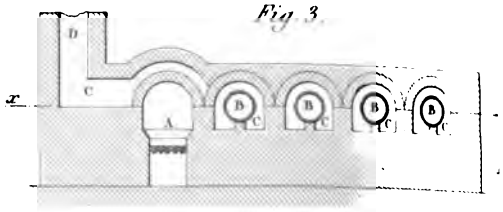

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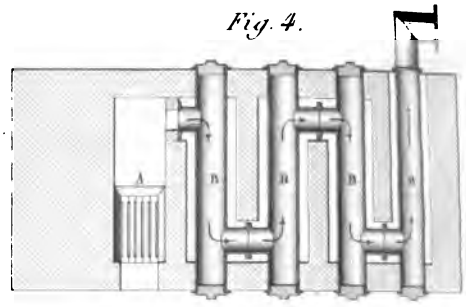

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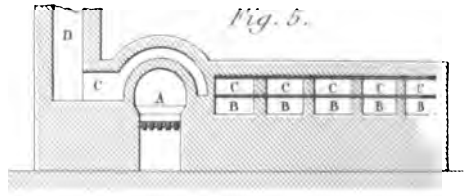

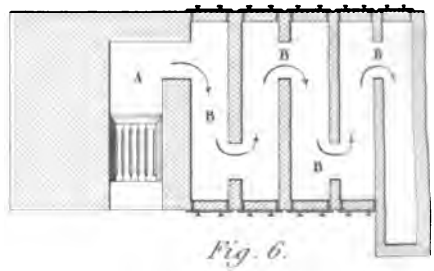

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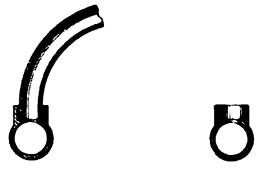

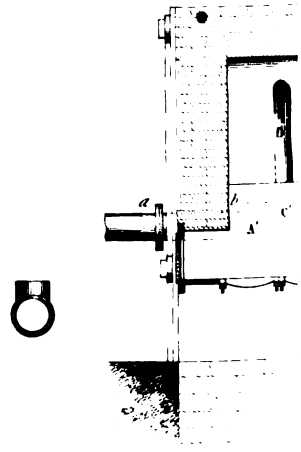

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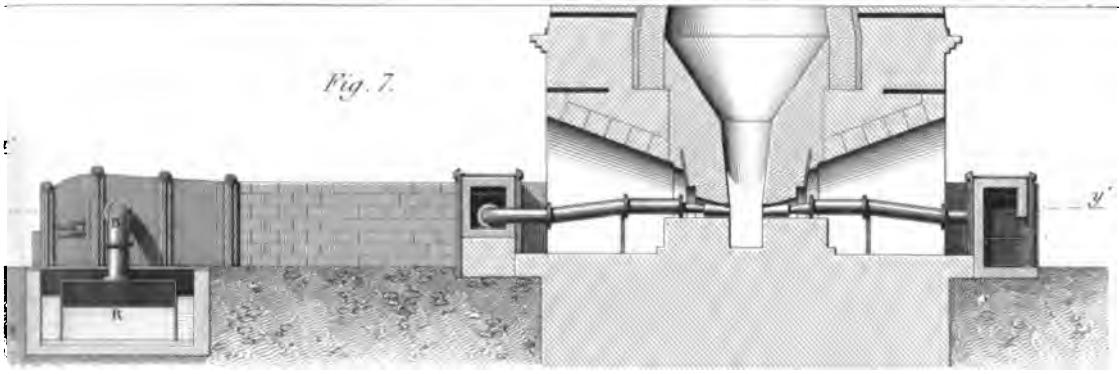
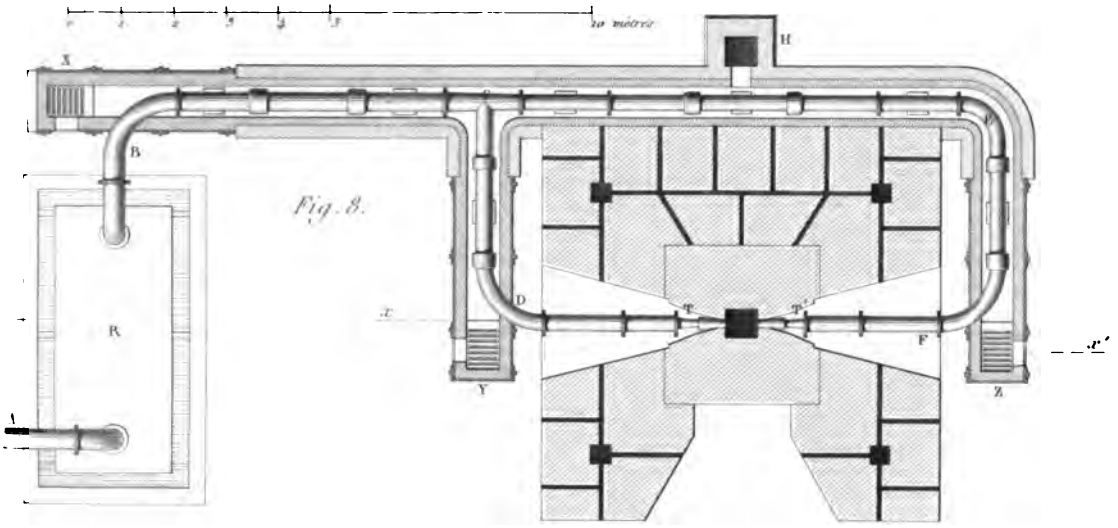
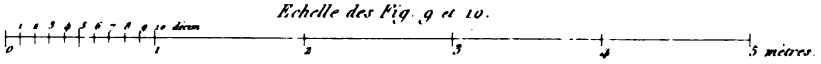


Echelle des Fig. 7 et 8.

Fig. 8.



Echelle des Fig. 9 et 10.



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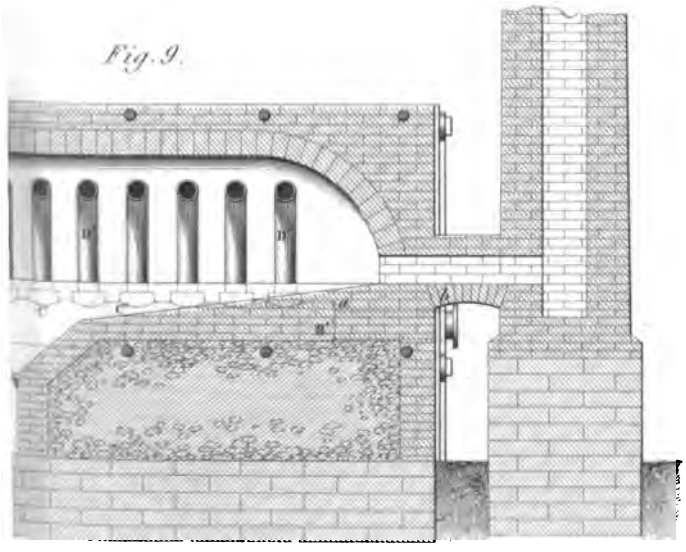

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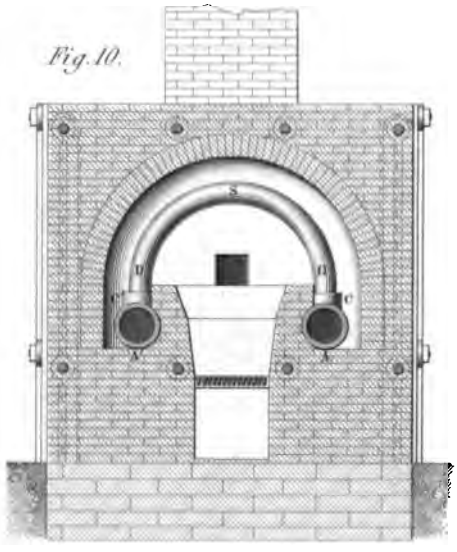
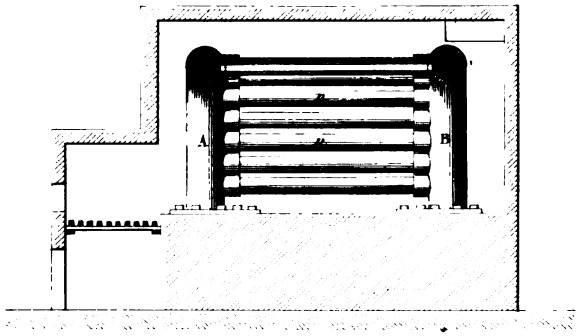


Gravé par E. Wörmseer.

Fig. 5.



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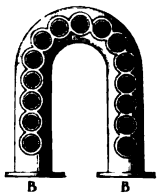

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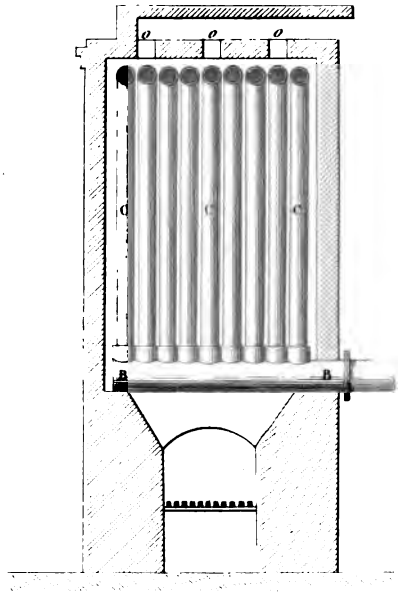

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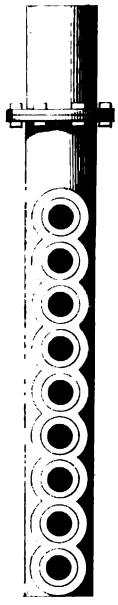

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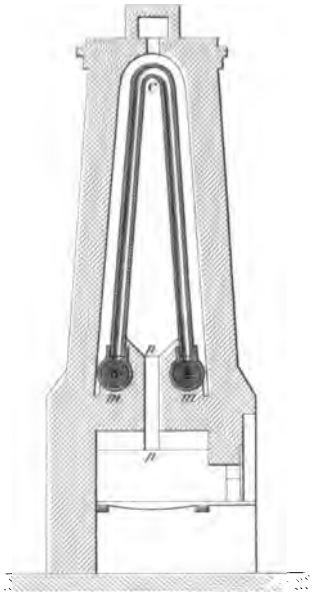

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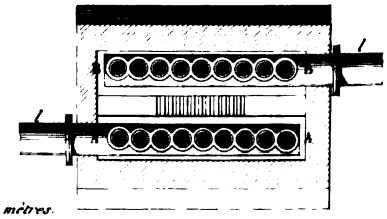
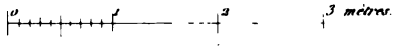
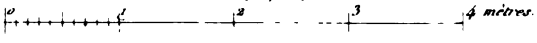


Echelle des Fig. 1, 2, 4, 5 et 6.



Echelle des Fig. 7, 8, 9 et 10.



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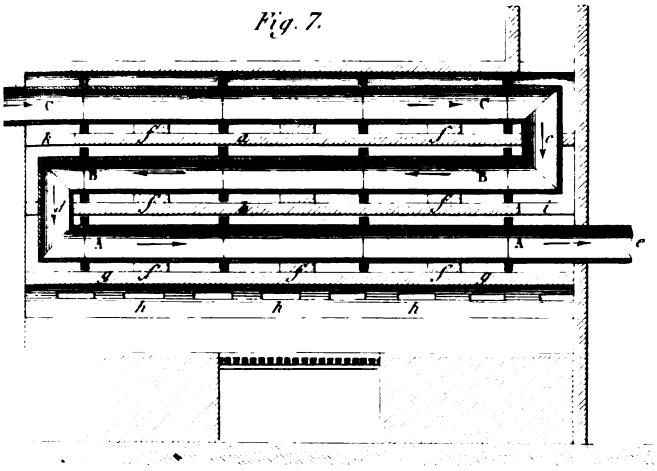

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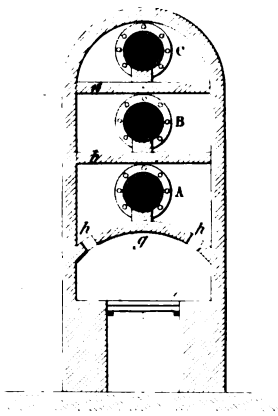

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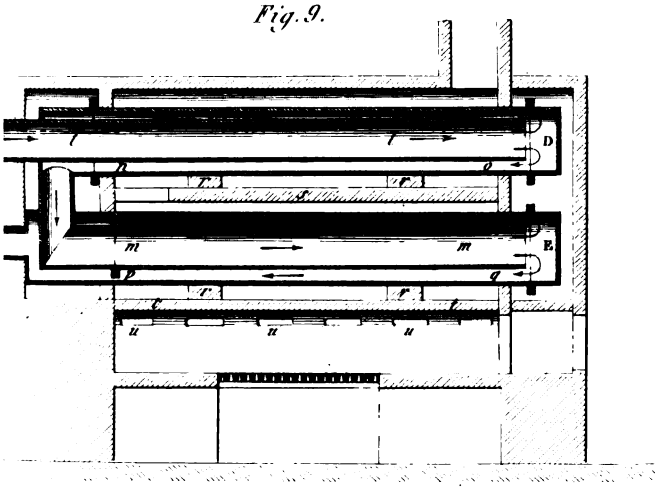

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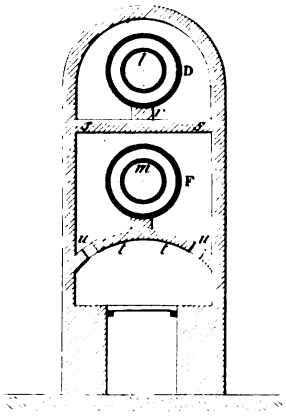

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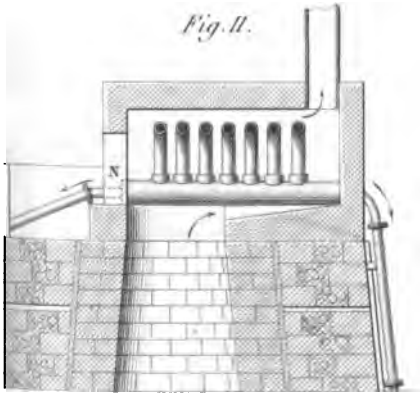

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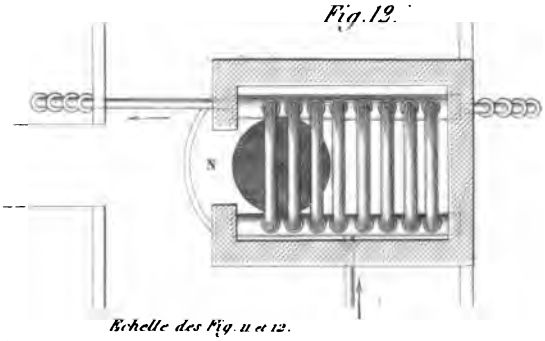


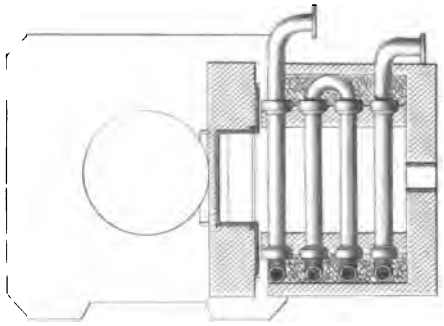
Echelle des Fig. 11 et 12.

0 1 2 3 4 5 6 7 mètres.

Gravé par Duvau.

Fig. 1.

Fig. 4.



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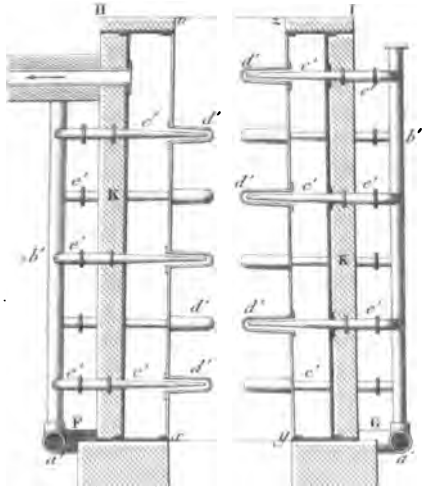

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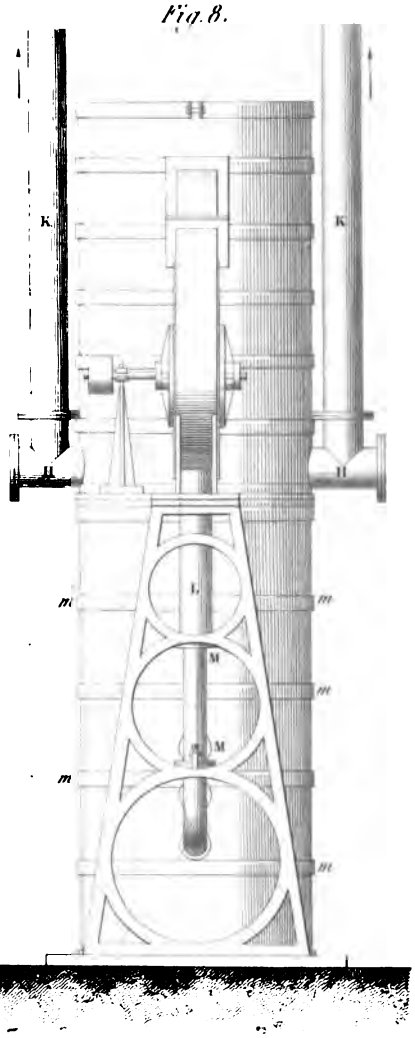

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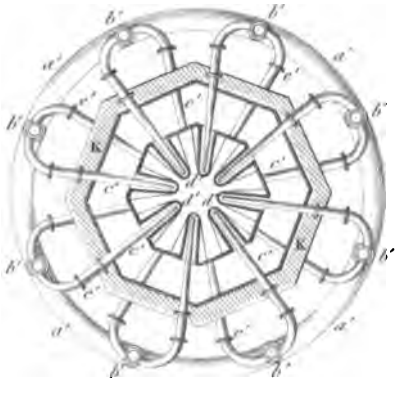
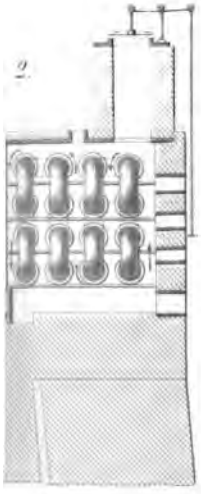


Echelle des Fig 6 et 7.

0 1 2 3 mètres



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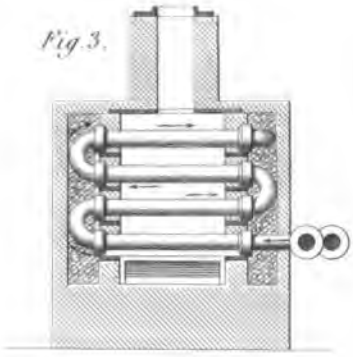

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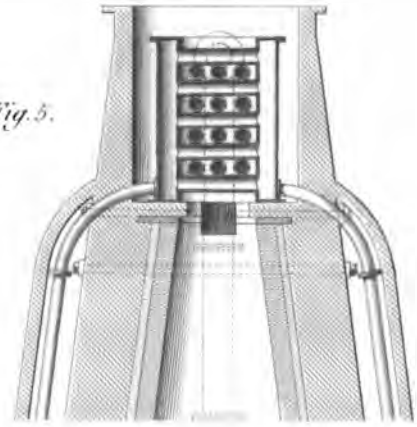

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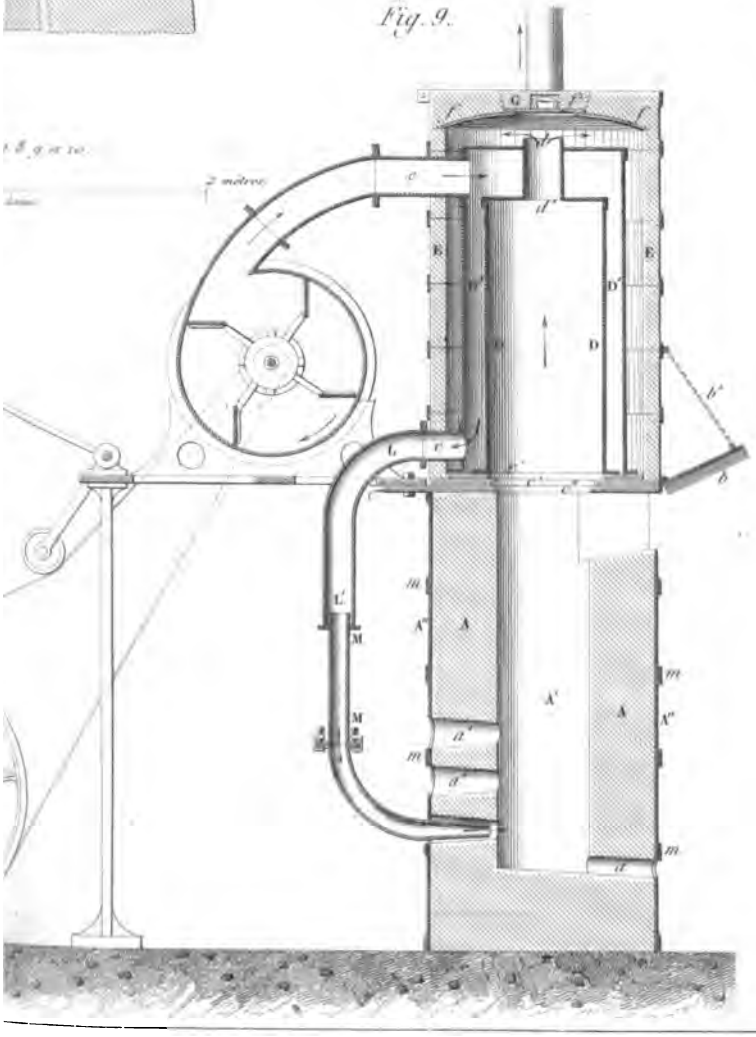

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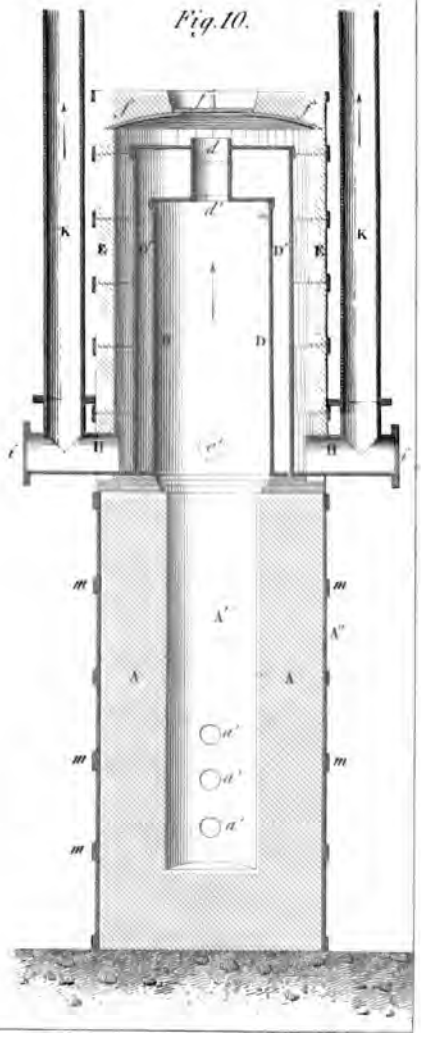

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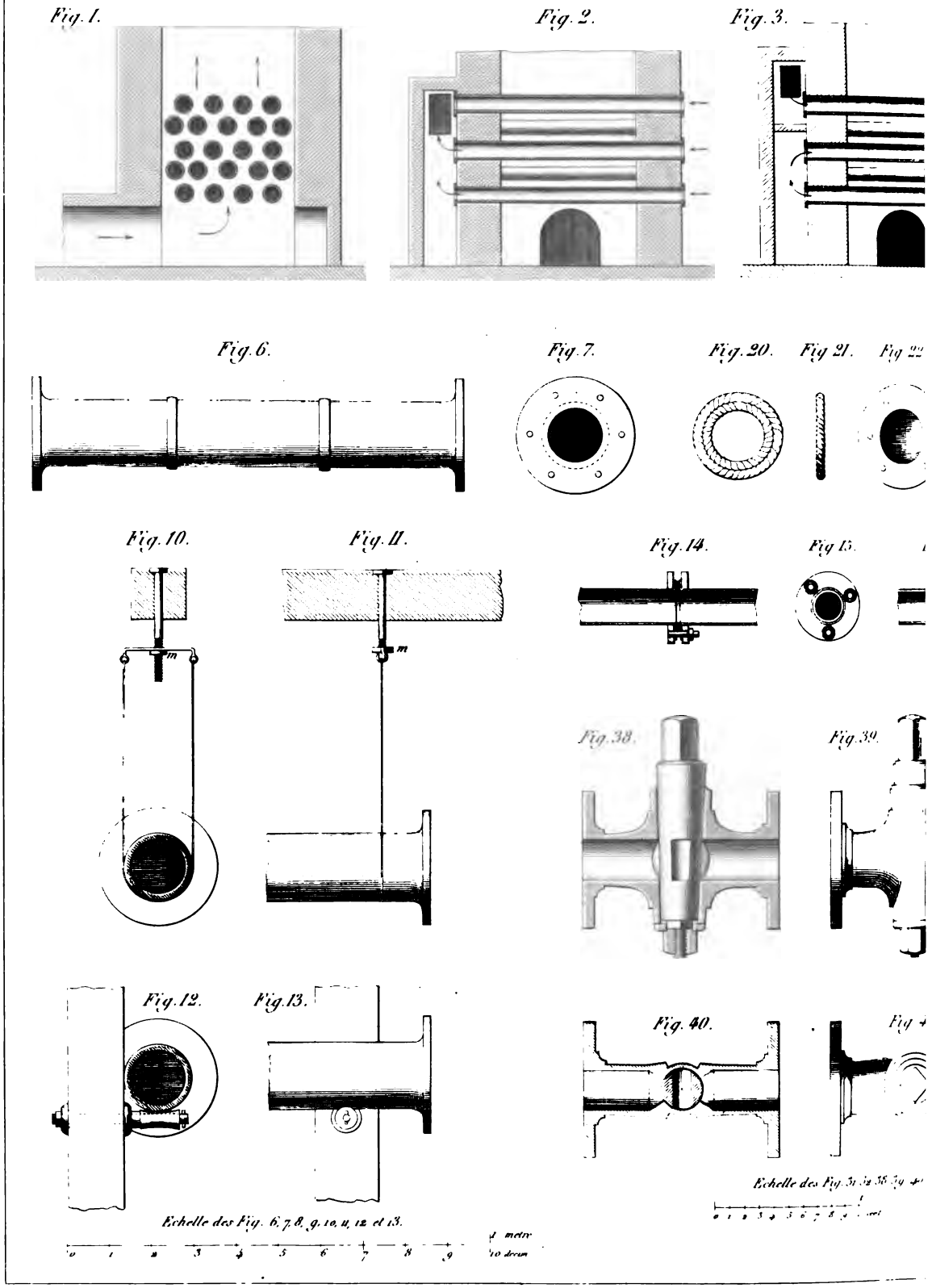
Fig. 1.
Fig. 2.
Fig. 3.
Fig. 6.
Fig. 7.
Fig. 20.
Fig 21.
Fig 22
Fig. 10.
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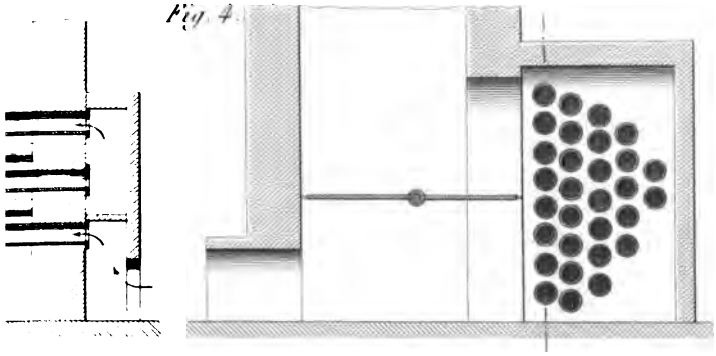
Fig. 38.
Fig. 39.
Fig. 12.
Fig. 13.
Fig. 40.
Echelle des Fig. 6, 7, 8, 9, 10, 11, 12 et 13.
Echelle des Fig.

Fig. 4.



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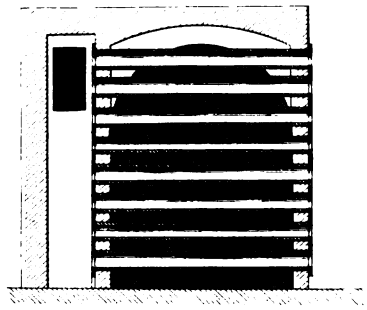


Fig. 8.

Fig. 9.

Fig. 42.

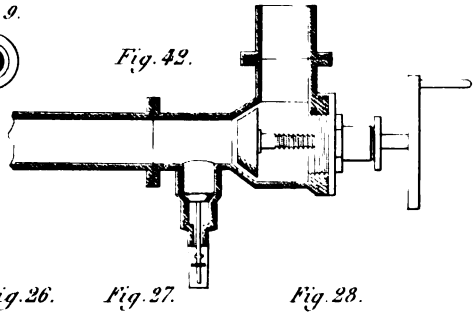


Fig. 23.

Fig. 24.

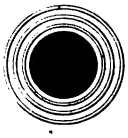


Fig. 25.

Fig. 16.

Fig. 17.

Fig. 18.

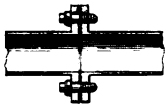


Fig. 19.

Fig. 26.

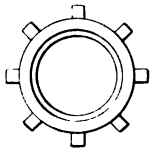
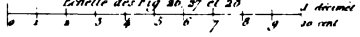


Fig. 27.

Fig. 28.

Échelle des Fig. 26, 27 et 28. 1 décimètre



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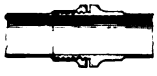


Fig. 30.

Fig. 33.

Fig. 31.

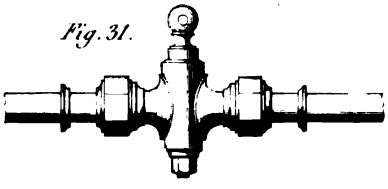
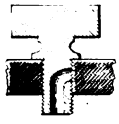


Fig. 34.

Fig. 35.



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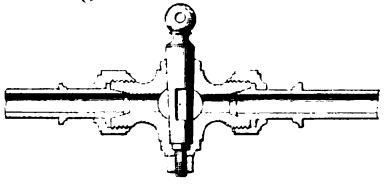

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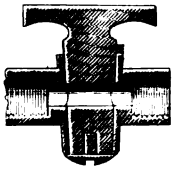

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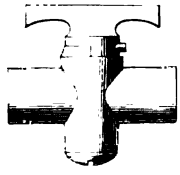
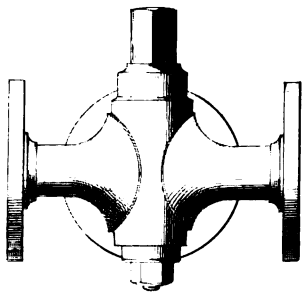


Fig. 1.



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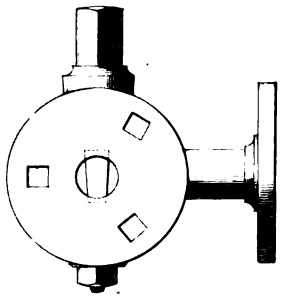

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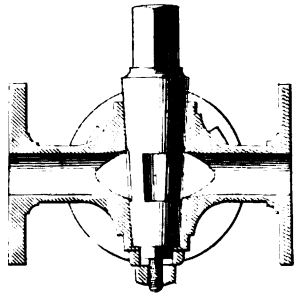
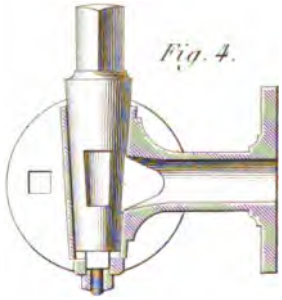


Fig. 2.

Fig. 4.



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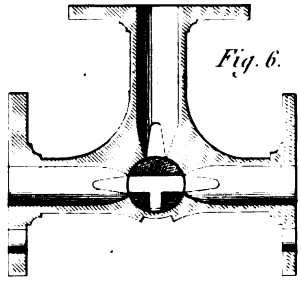
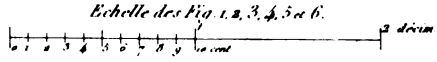


Echelle des Fig. 1, 2, 3, 4, 5 et 6.



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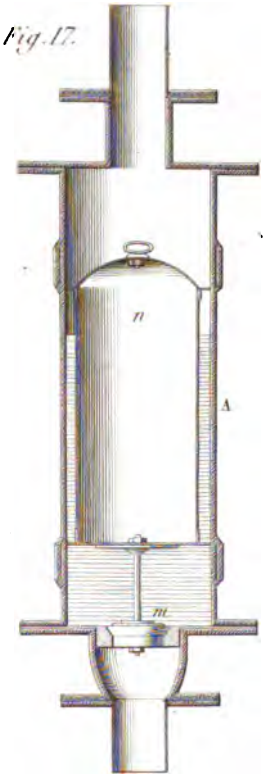

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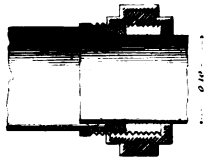

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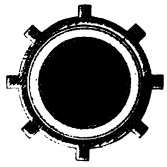

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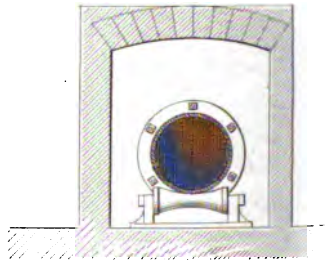

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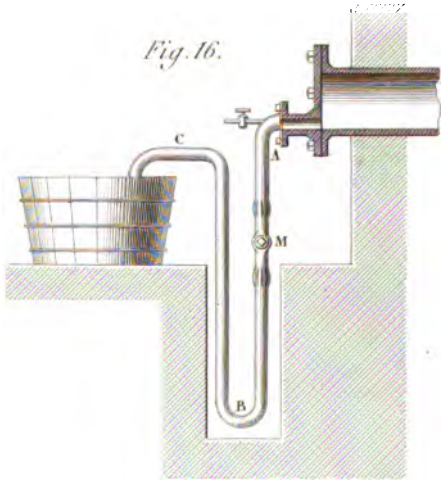


Echelle des Fig. 18, 19 et 20.

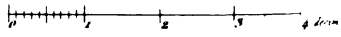
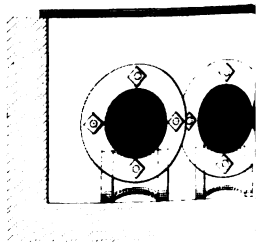


Fig. 19



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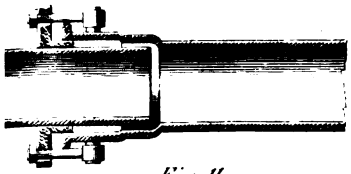

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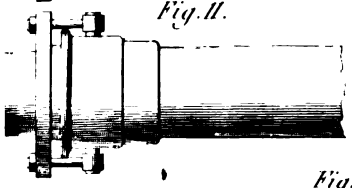

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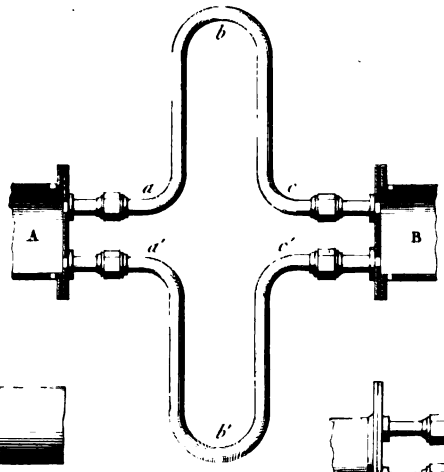

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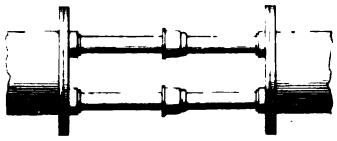

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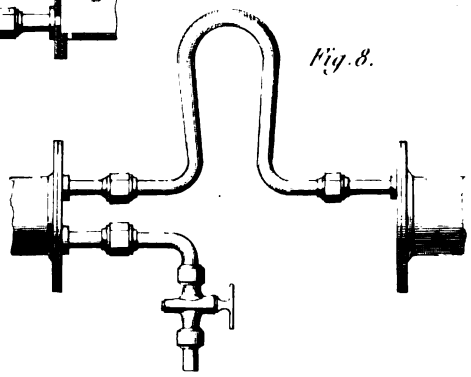

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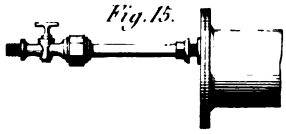

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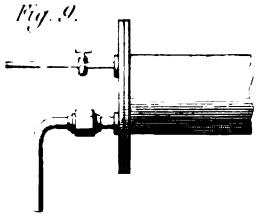

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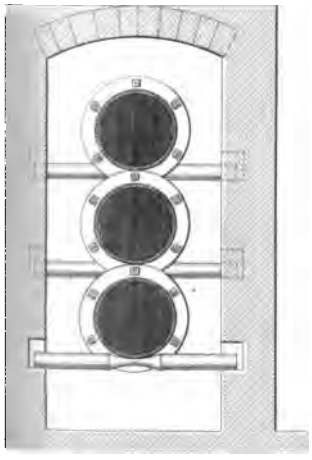

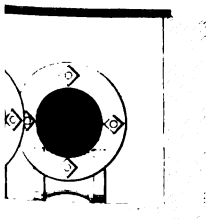

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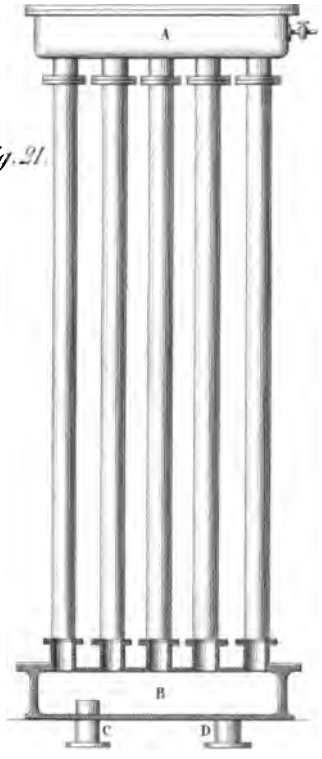


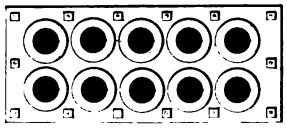
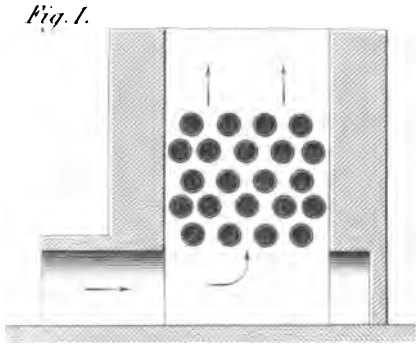


Fig. 22.

Fig. 23.

Gravé par Dutrau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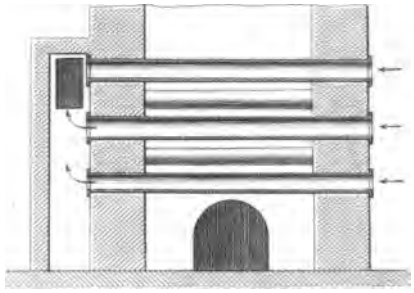
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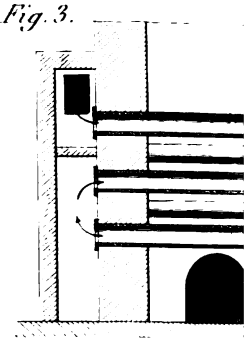


Fig. 3.

Fig. 6.

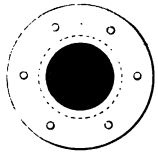
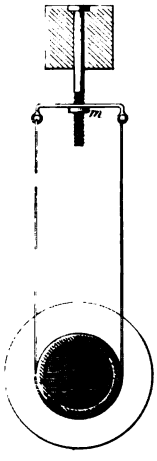


Fig. 7.

Fig. 20.

Fig. 21.

Fig. 22



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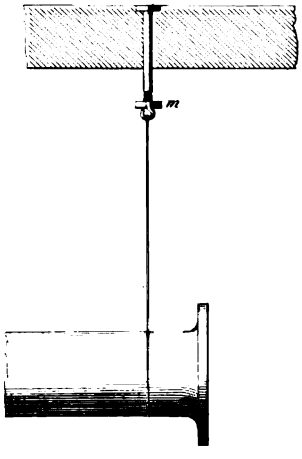

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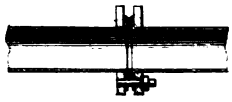
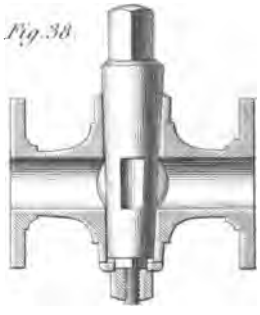


Fig. 14.

Fig. 15.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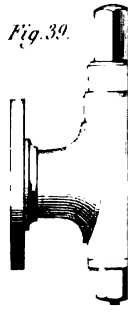
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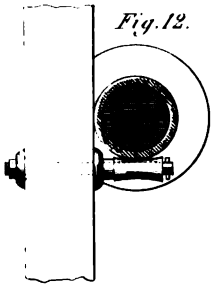
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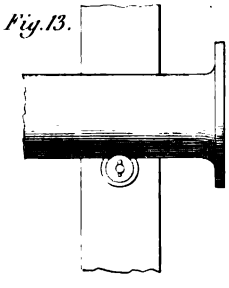
Fig. 13.

Echelle des Fig. 6, 7, 8, 9, 10, 11, 12 et 13.

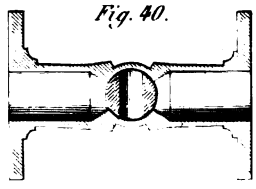
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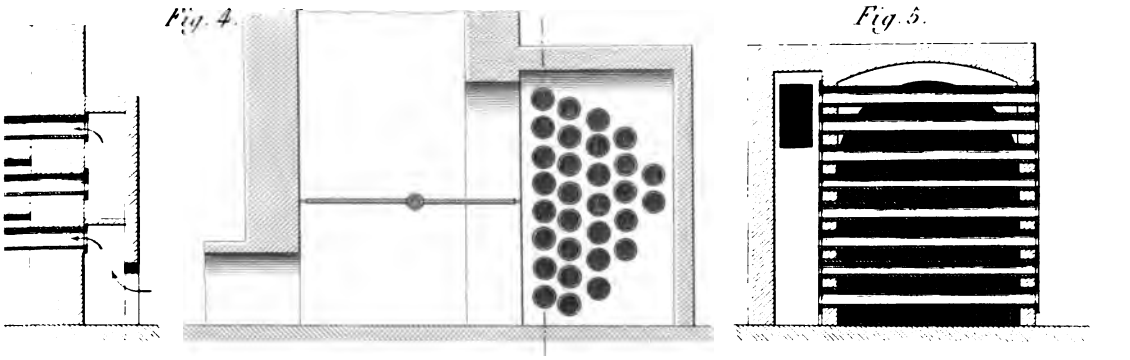
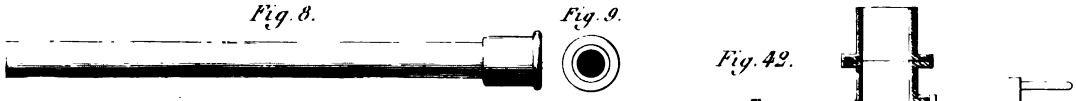
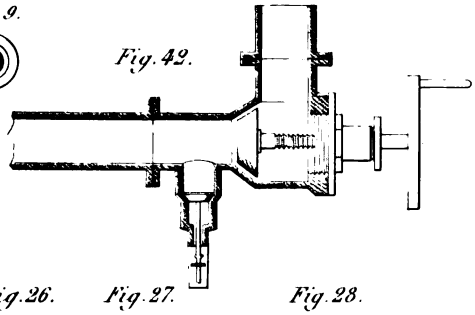
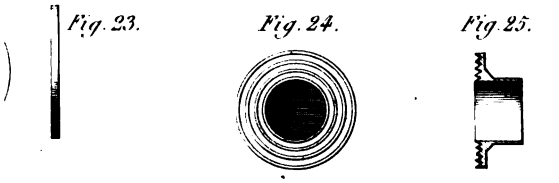
Fig. 4

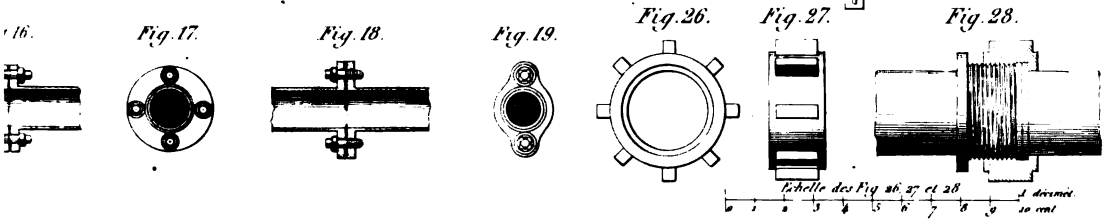
Echelle des Fig. 37, 38, 39 et 40

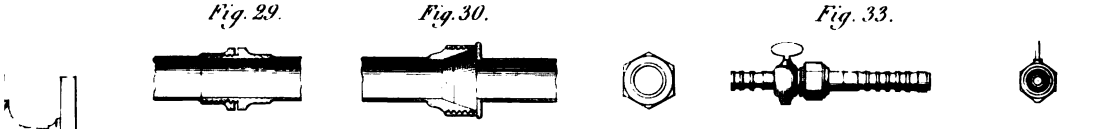


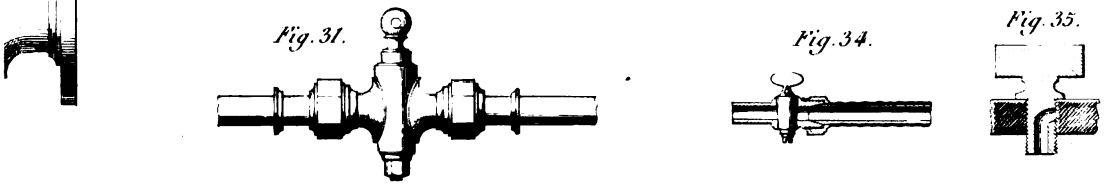


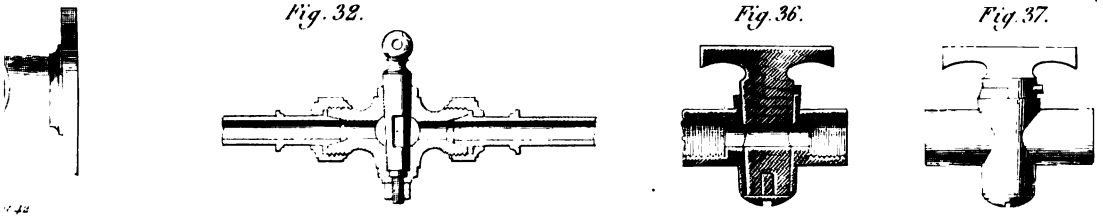












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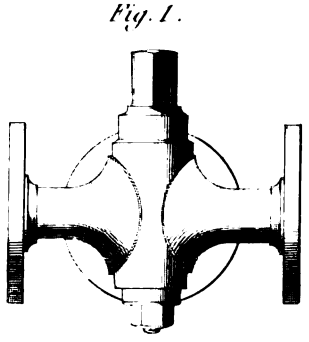
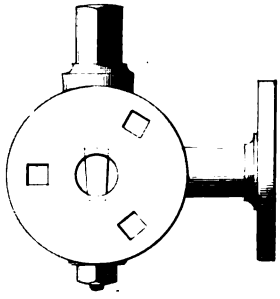


Fig. 1.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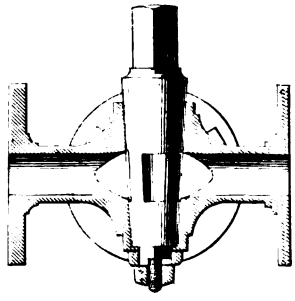
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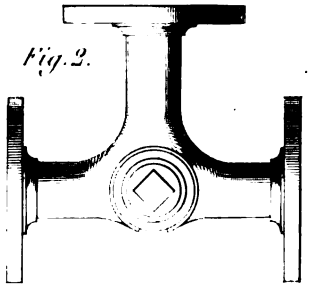
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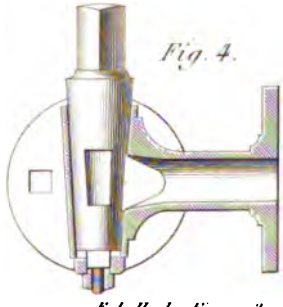
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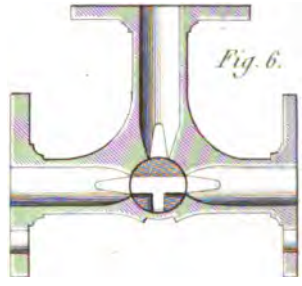
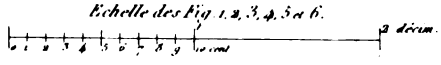
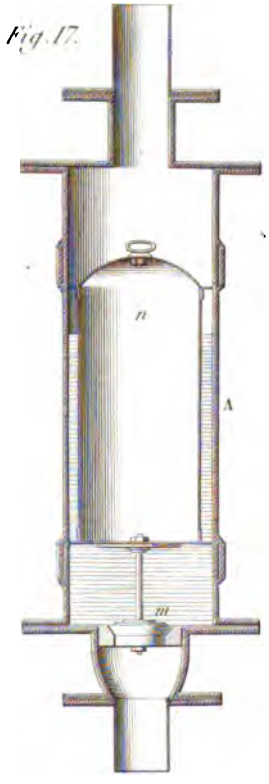


Fig. 6.

Echelle des Fig. 1, 2, 3, 4, 5 et 6.

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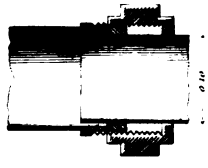
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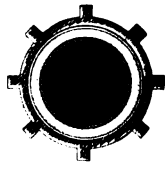
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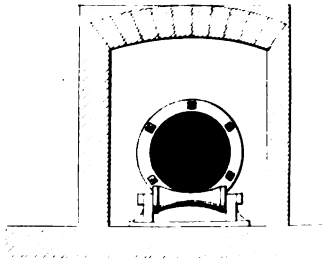
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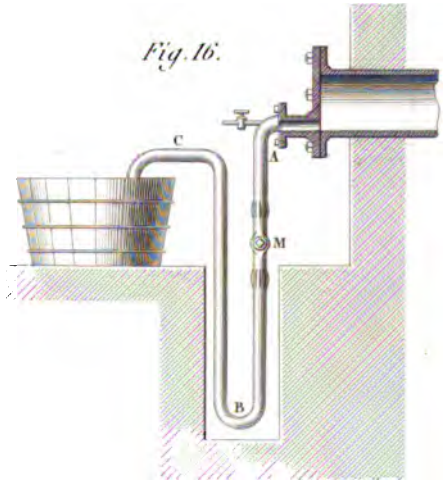
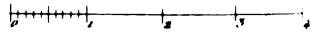


Fig. 16.

Echelle des Fig. 18, 19 et 20.



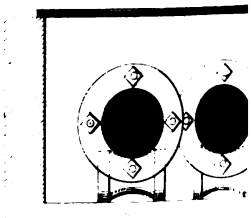

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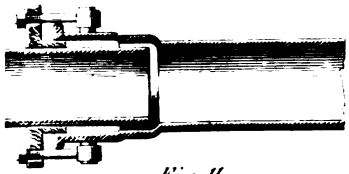
Fig. 10.



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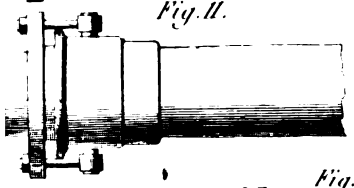

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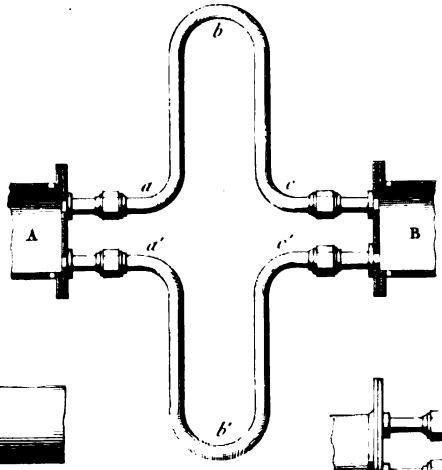

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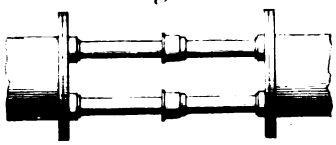

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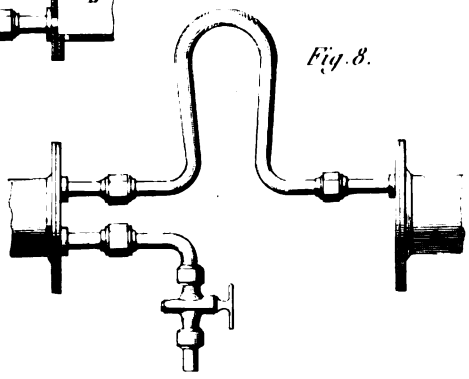

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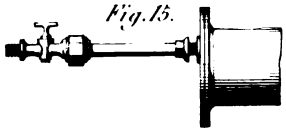
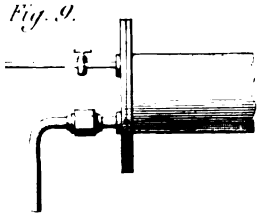


Fig. 9.



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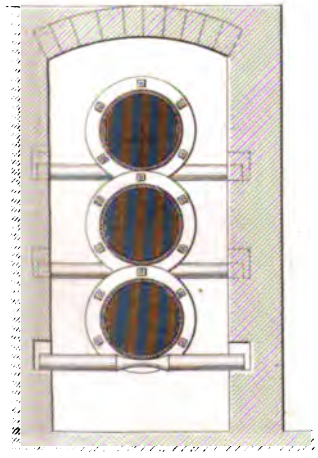

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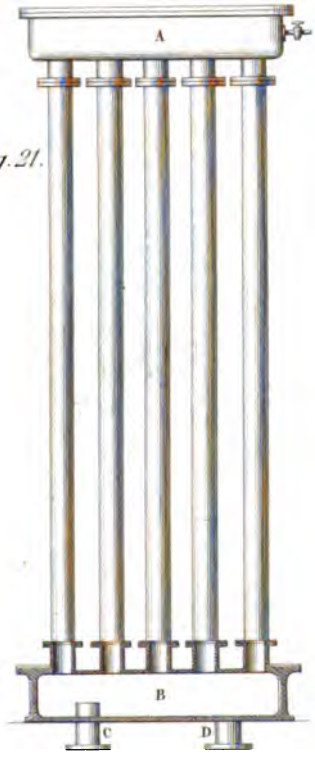


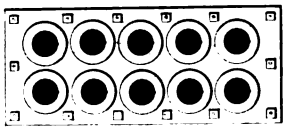
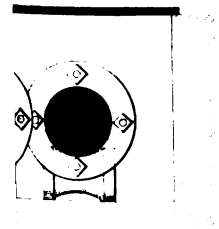


Fig. 22.

Fig. 23.



Gravé par Duriu.

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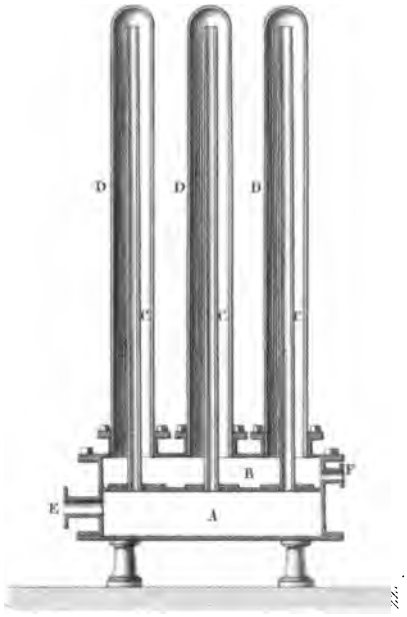

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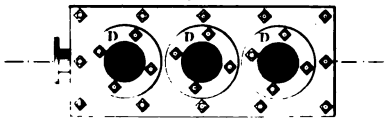

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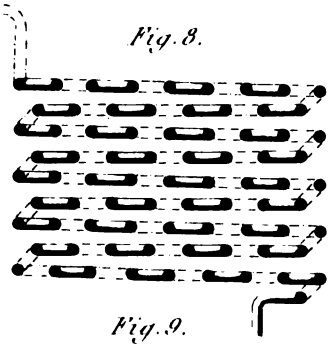

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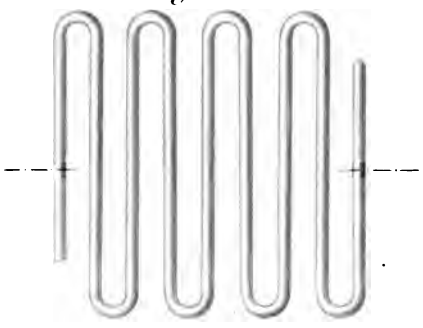

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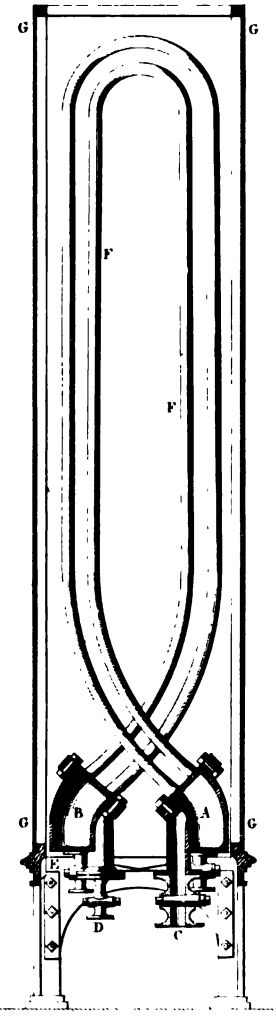

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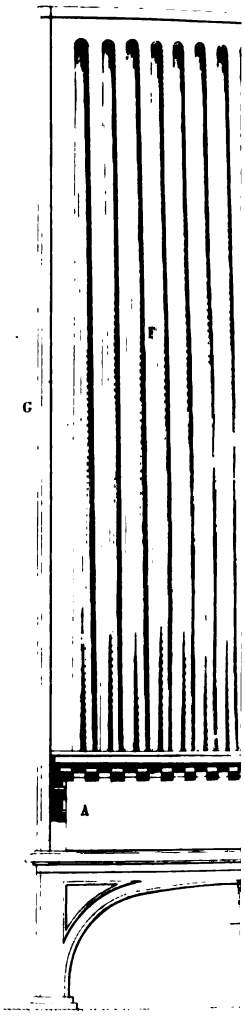

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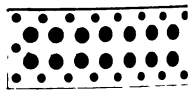

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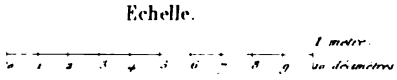

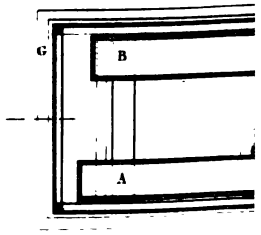

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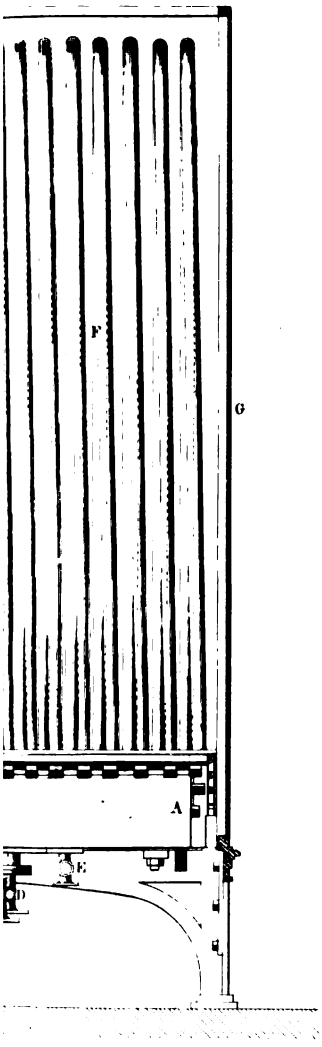


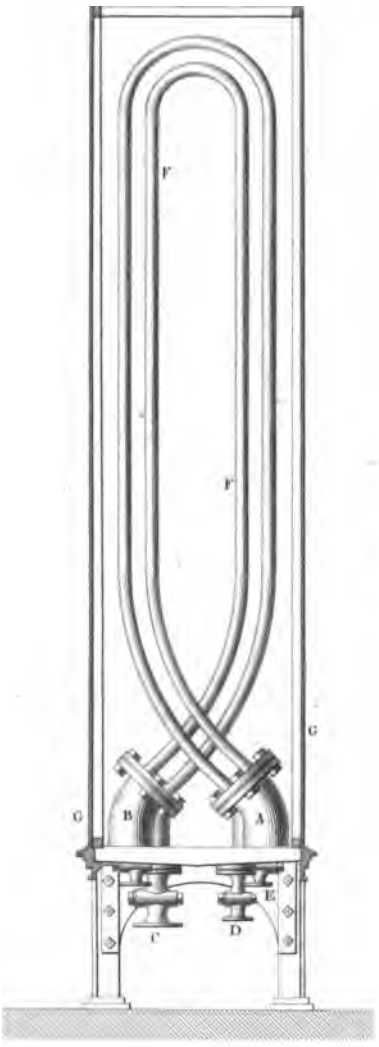
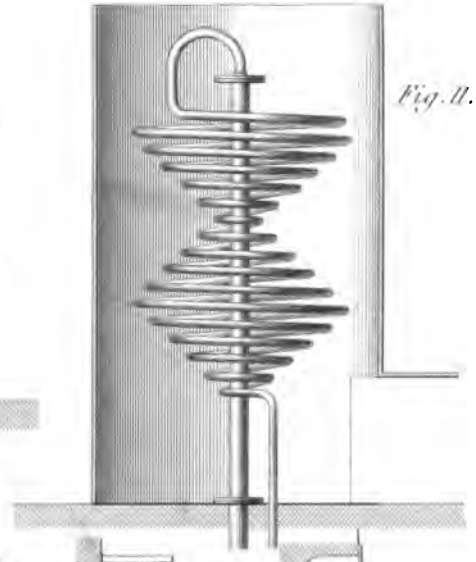


Fig. 10.

Fig. 11.



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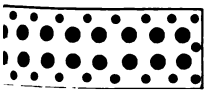

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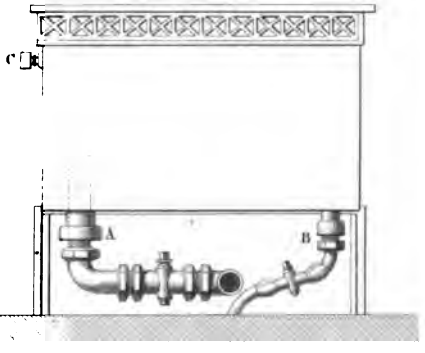

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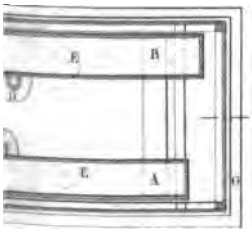

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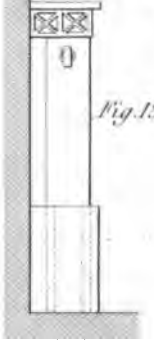

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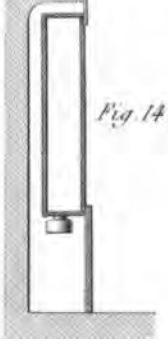

Gravé par Duran

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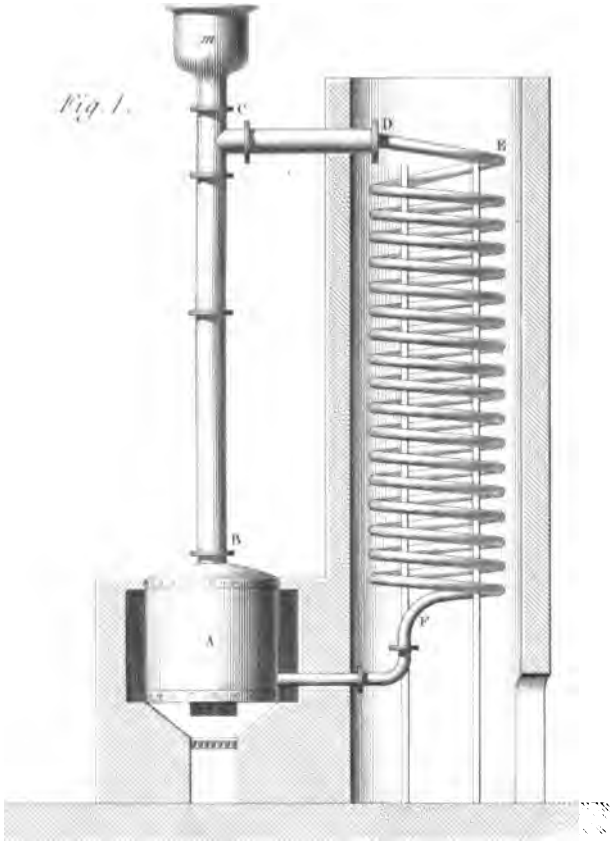

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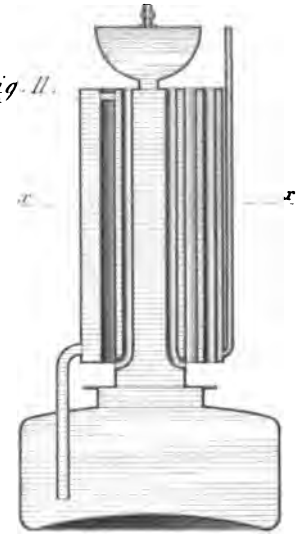

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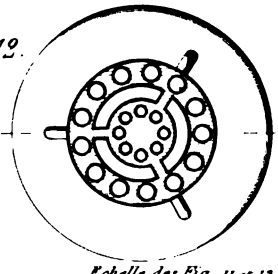
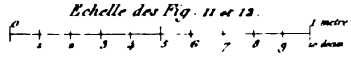


Echelle des Fig. 11 et 12.



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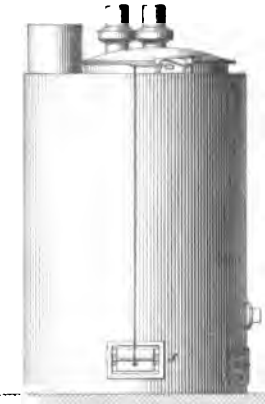

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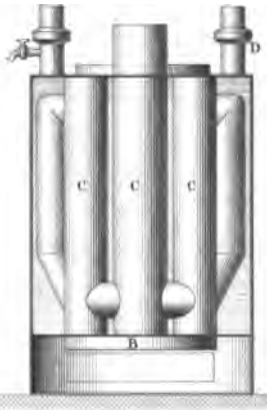

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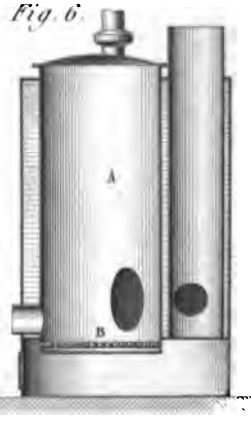

Fig.

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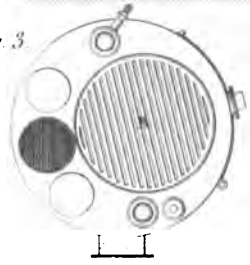

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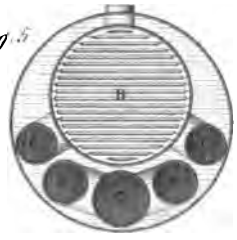

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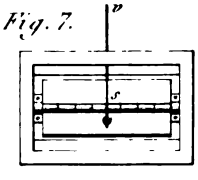

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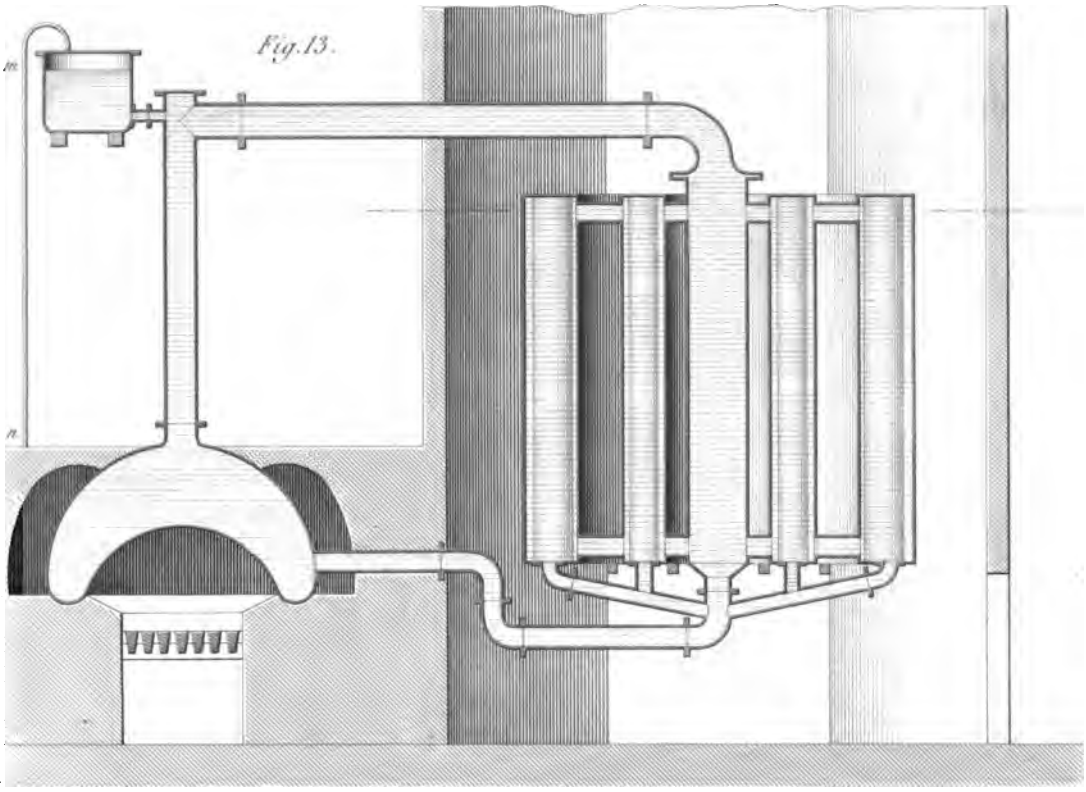

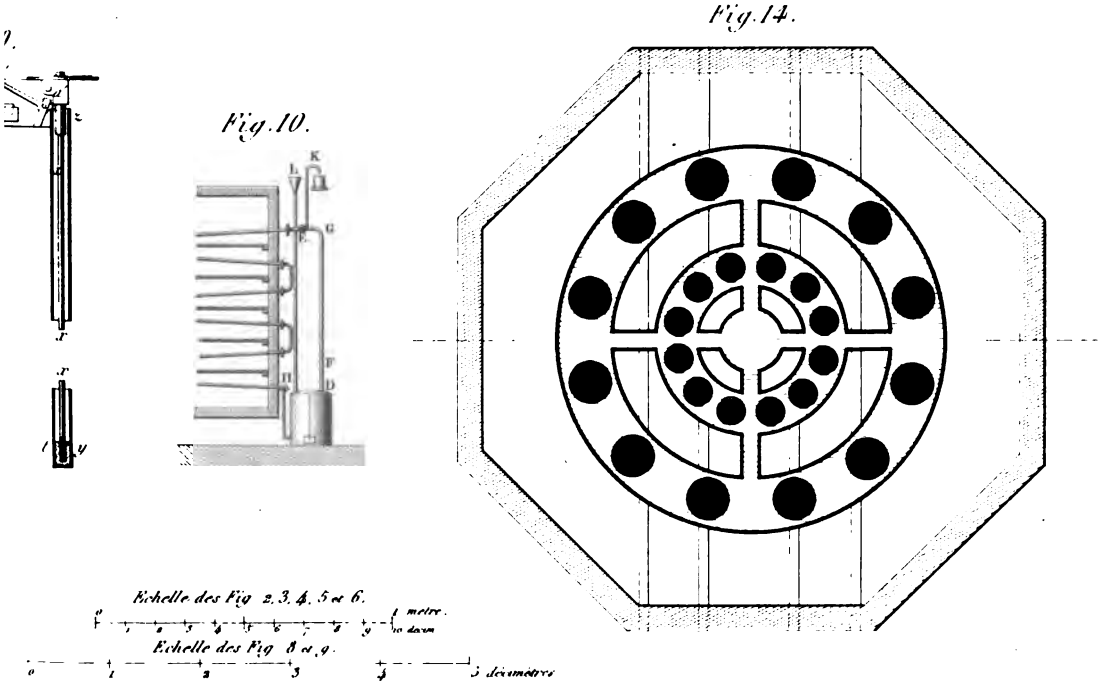

Gravé par J. Petitcolin

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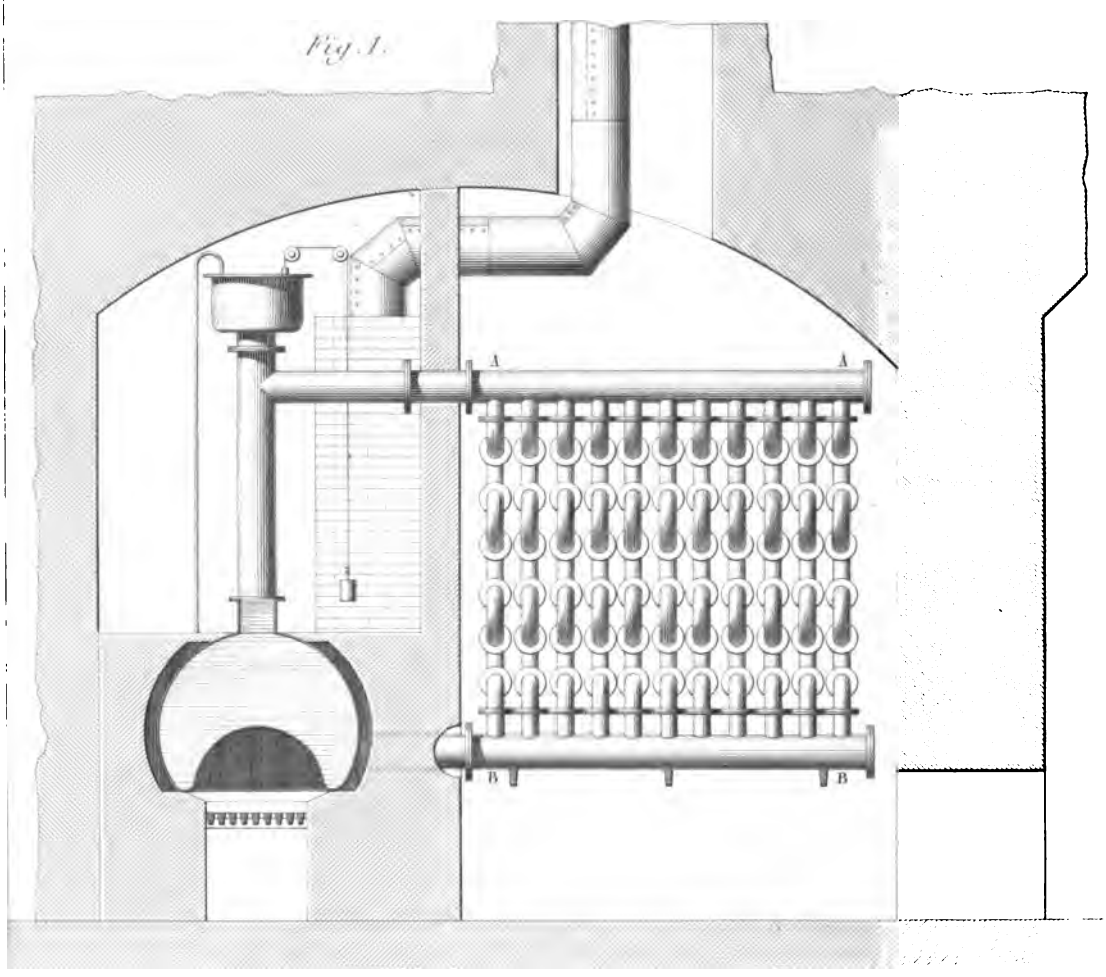

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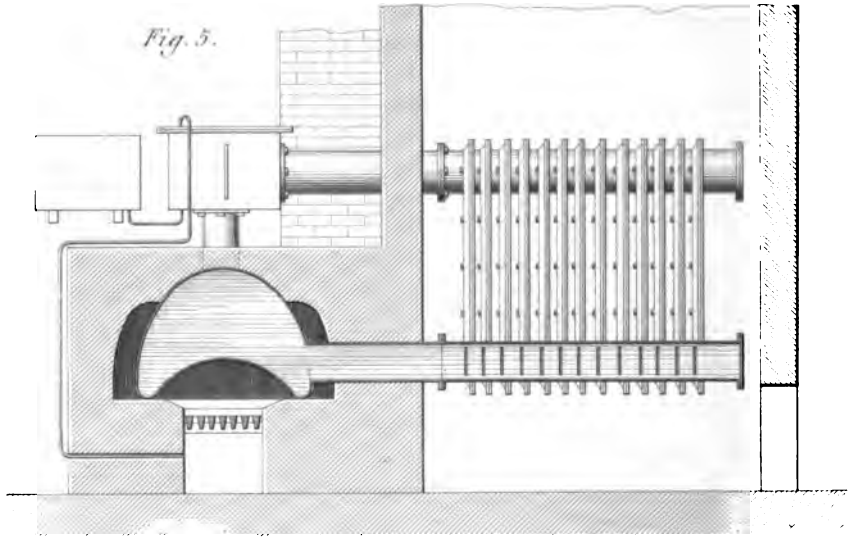

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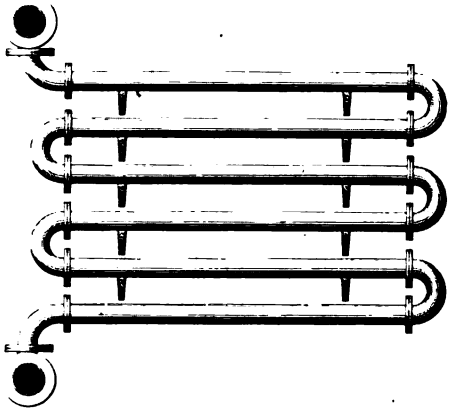

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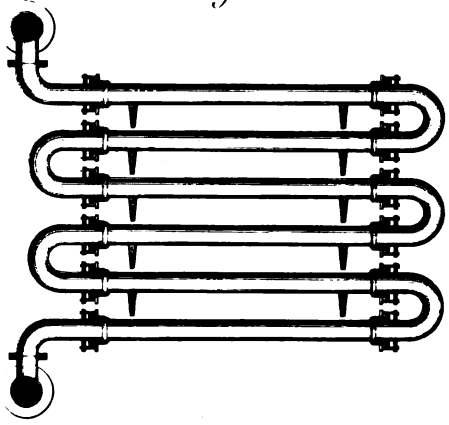

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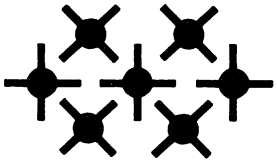

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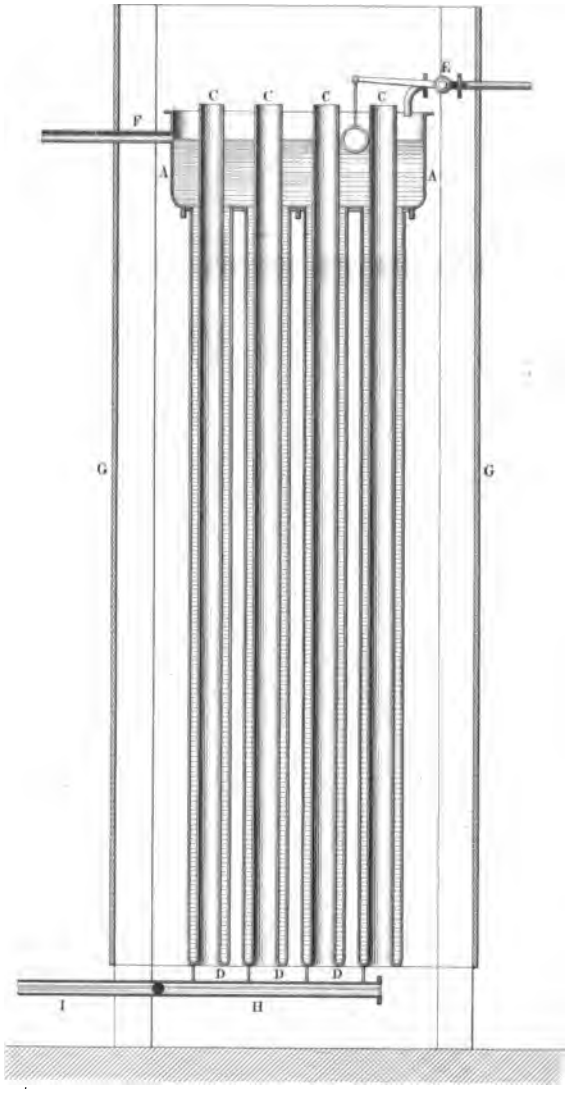

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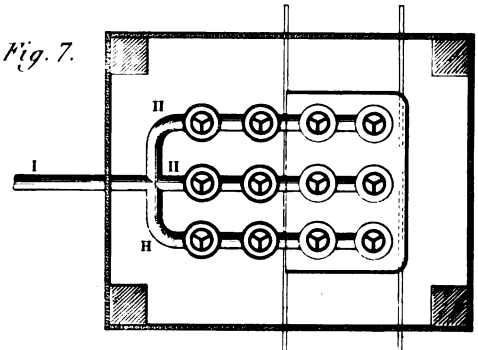

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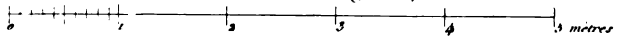

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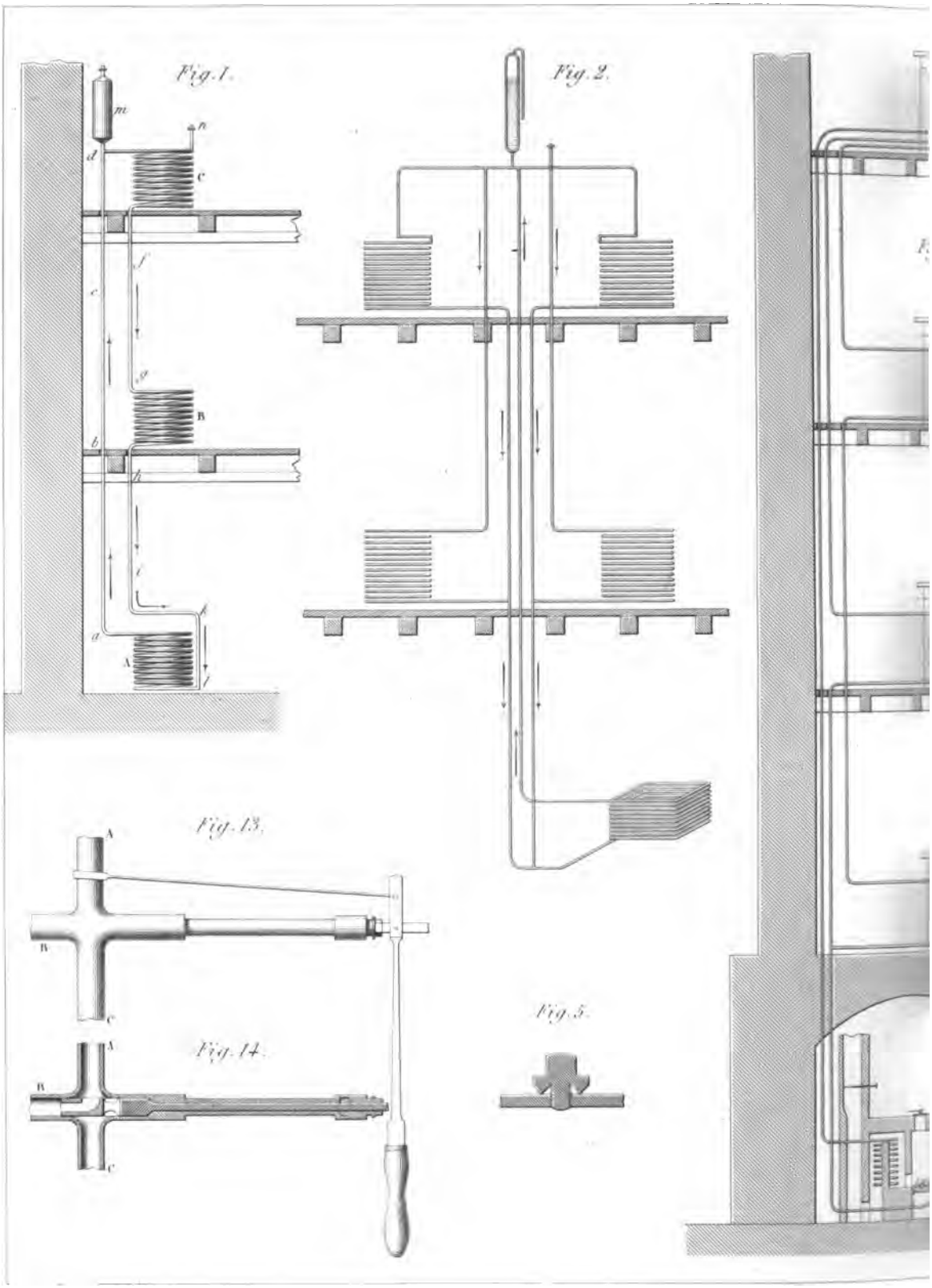
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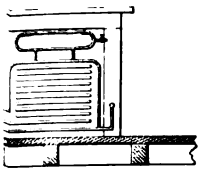
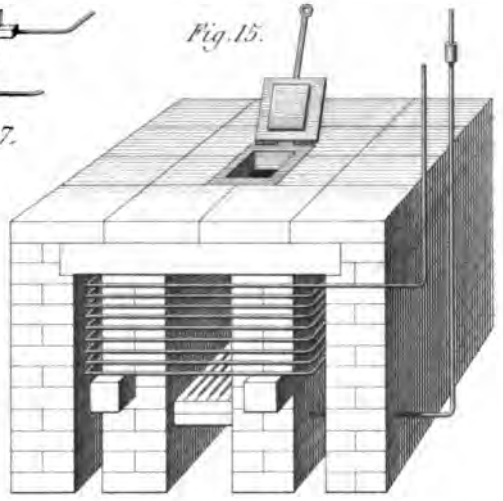


Fig. 4.

Fig. 7.

Fig. 15.



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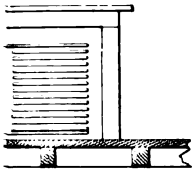

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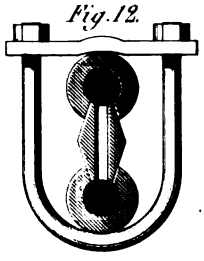

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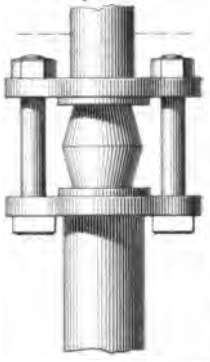

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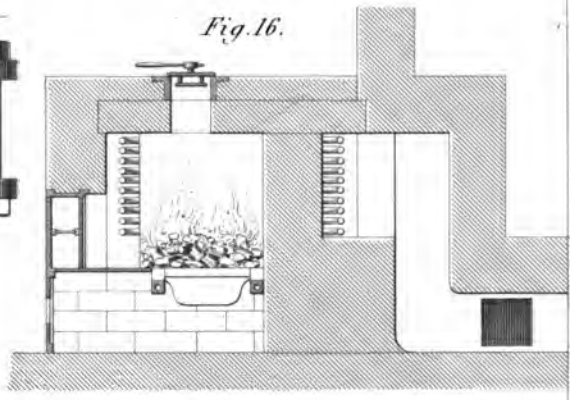

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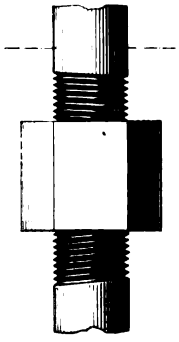


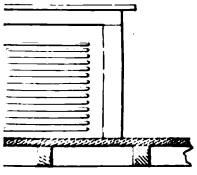
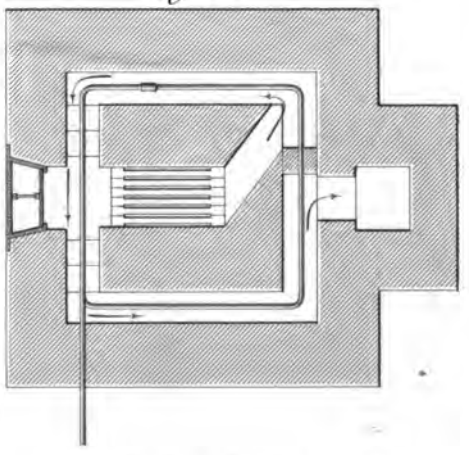


Fig. 10.

Fig. 17.



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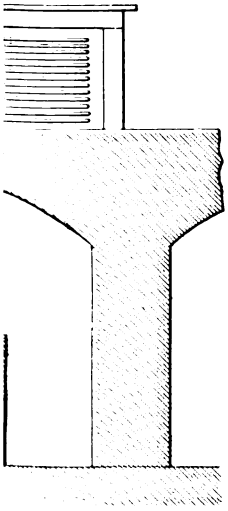
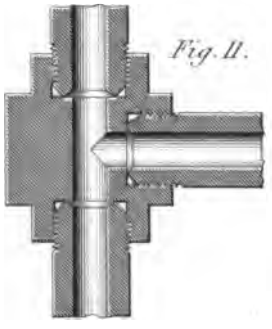


Fig. 11.



Echelle des Fig. 15, 16 et 17.

Gravé par J. Petitcolin.

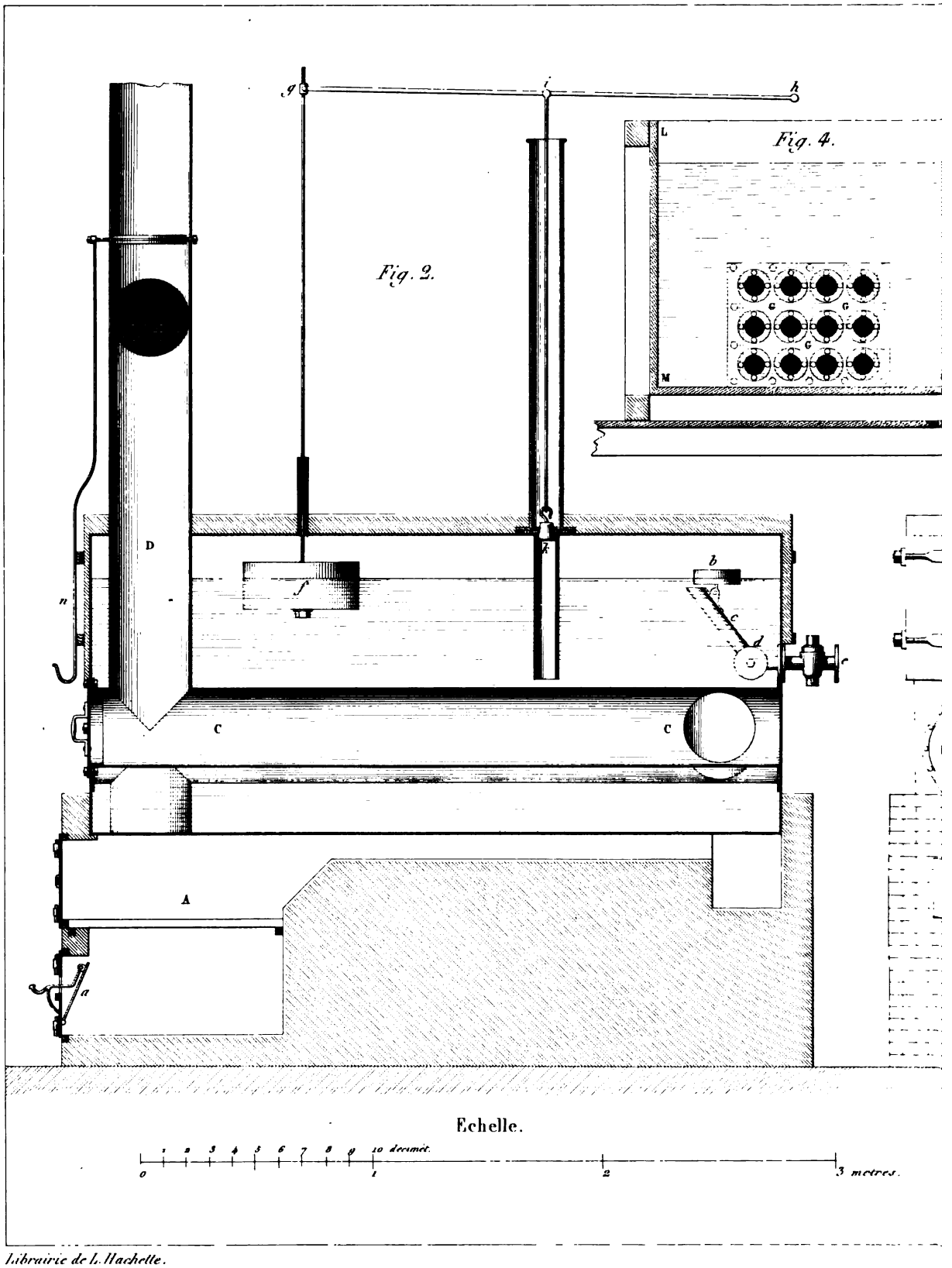


Fig. 2.
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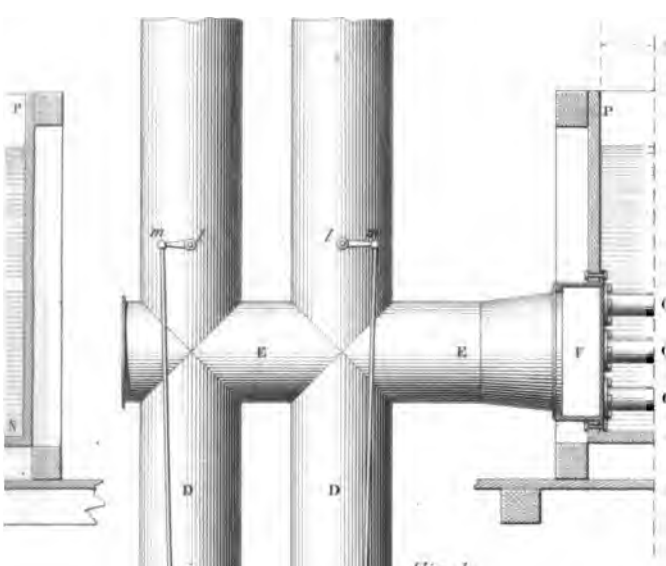
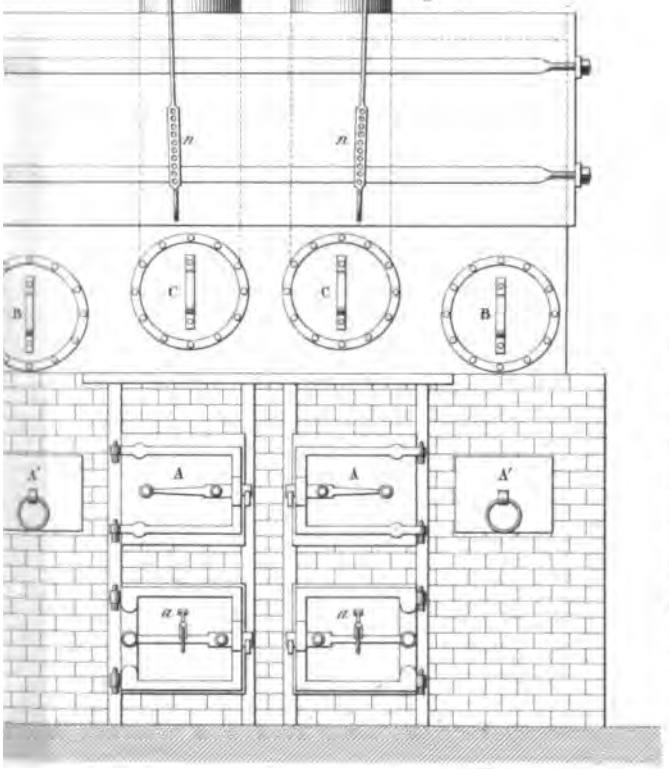


Fig. 1.



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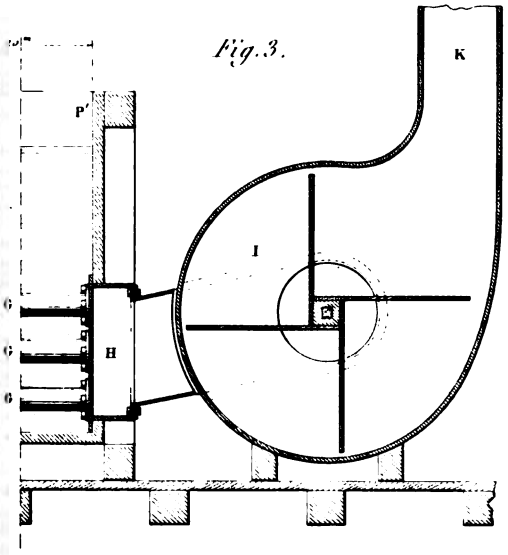

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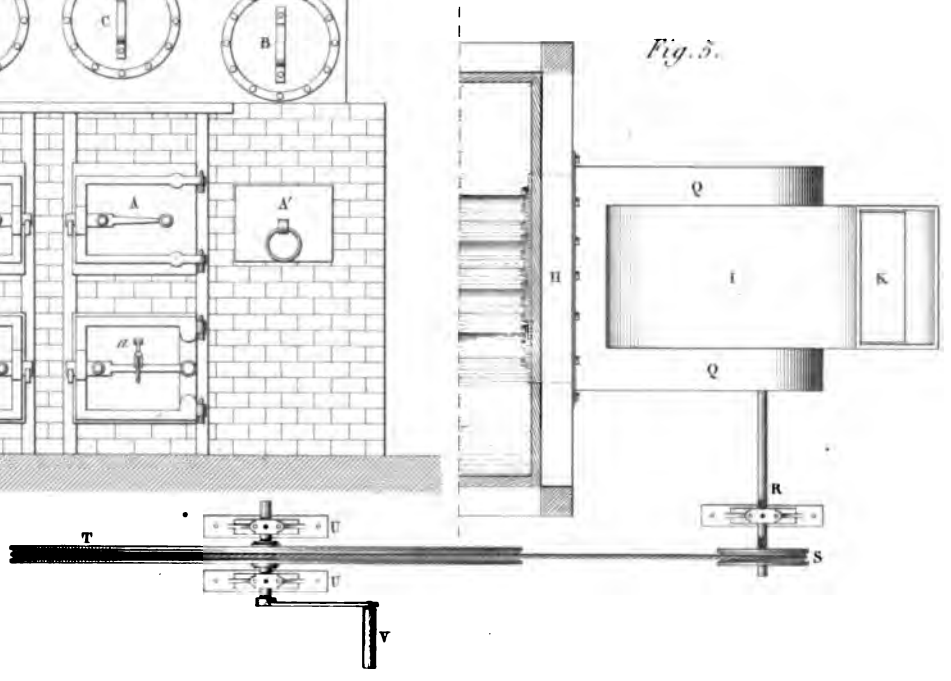
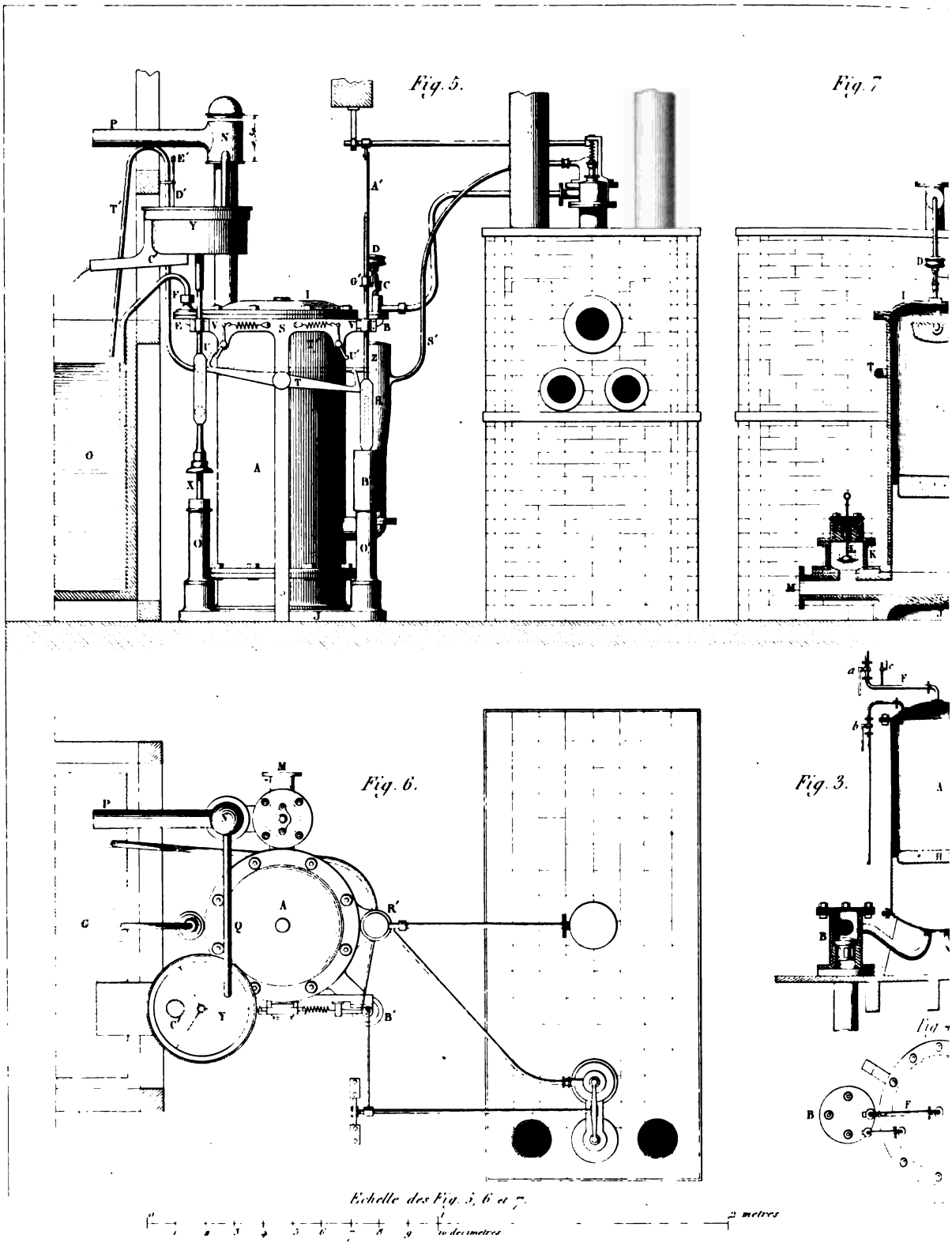
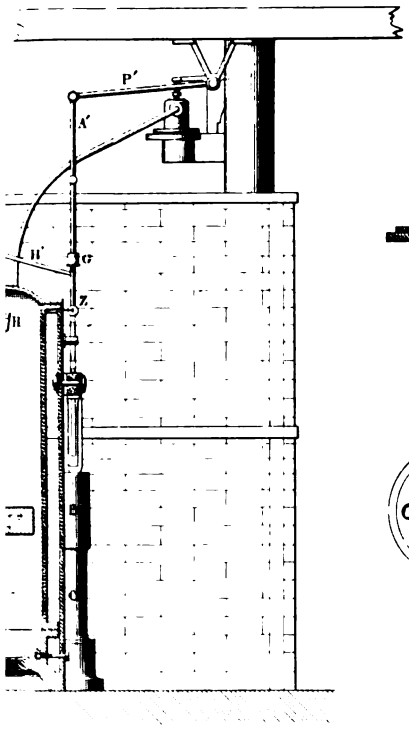


Gravé par J. Petitcolin



Librairie de L. Hachette



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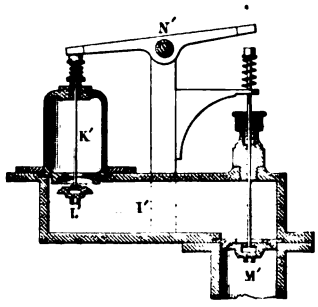
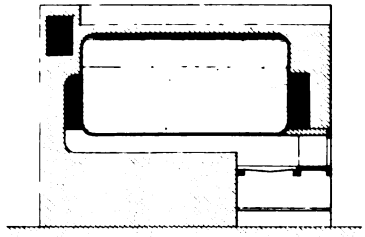
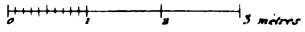


Fig. 1.



Echelle des Fig. 1 et 2.



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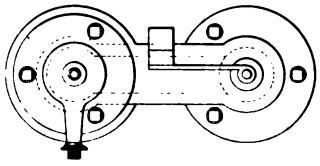

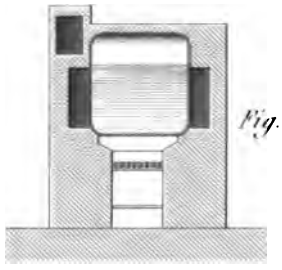

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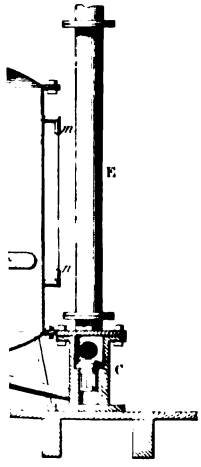

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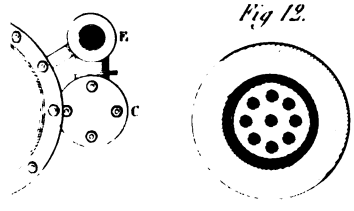

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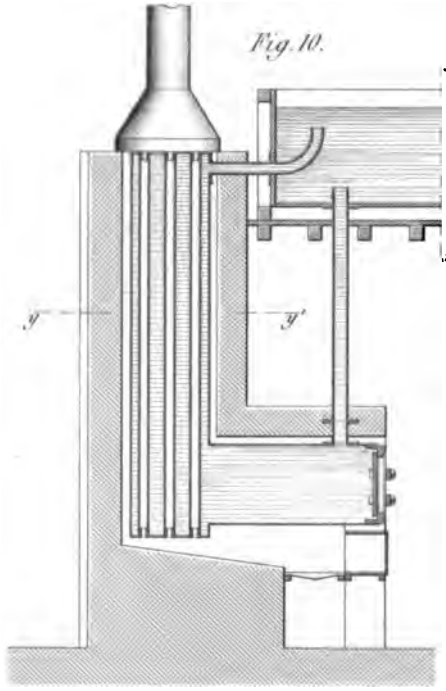

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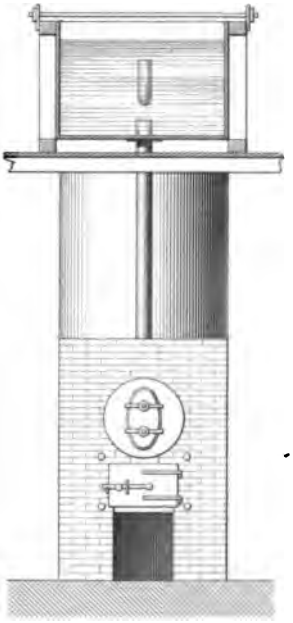
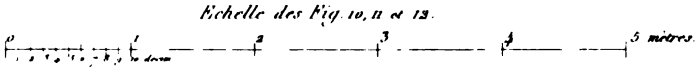
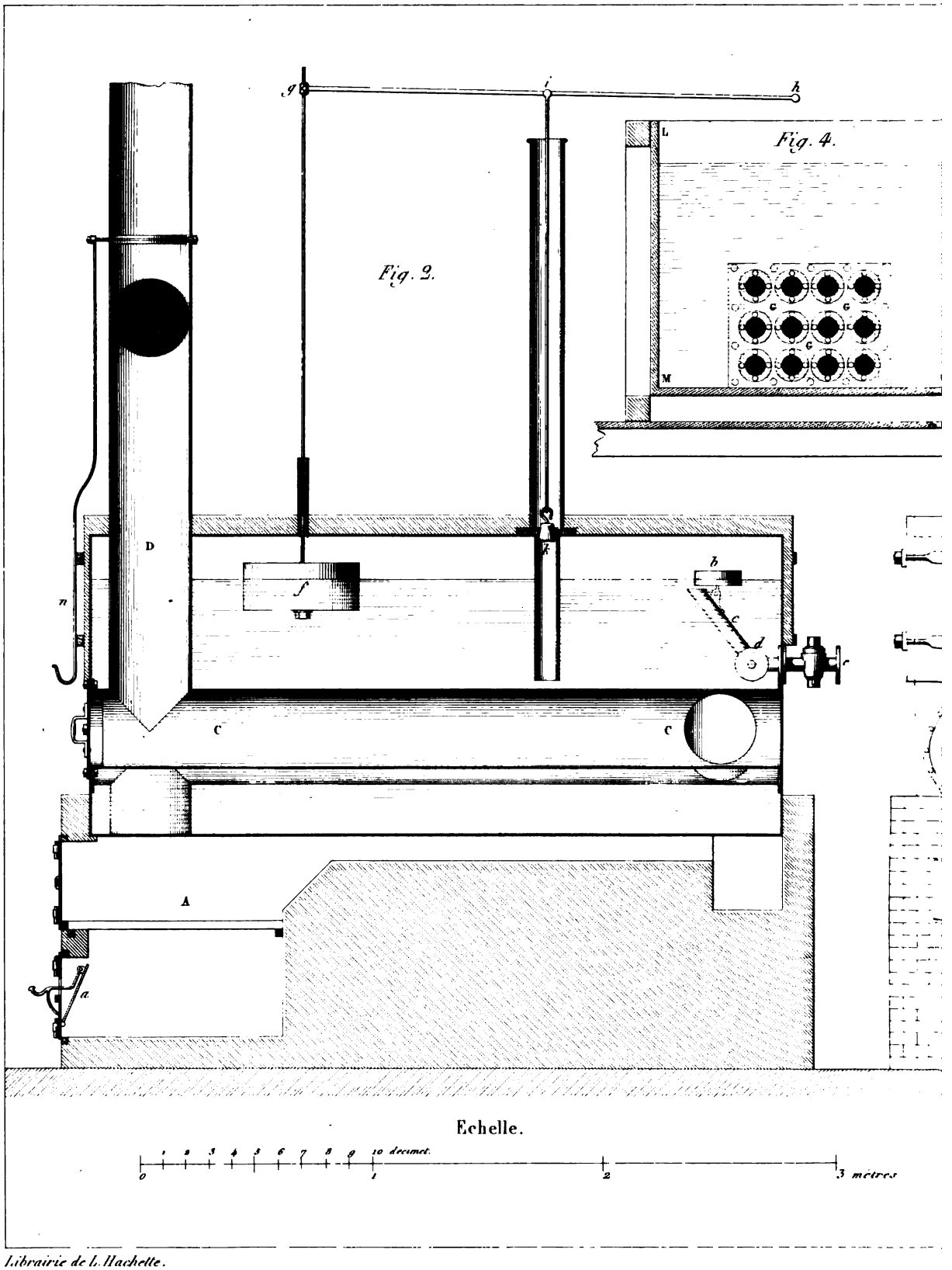


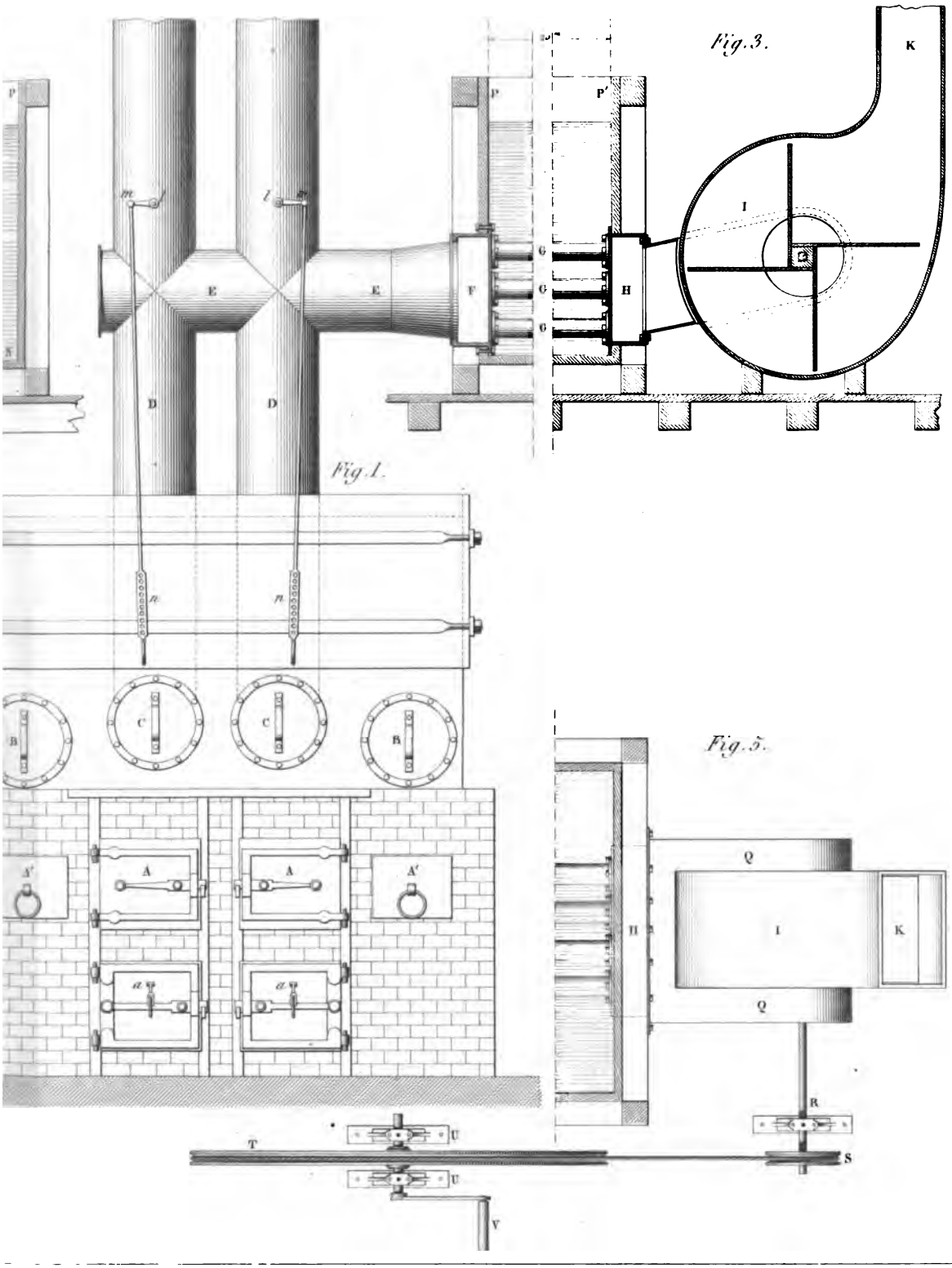
Echelle des Fig. 10, 11 et 12.



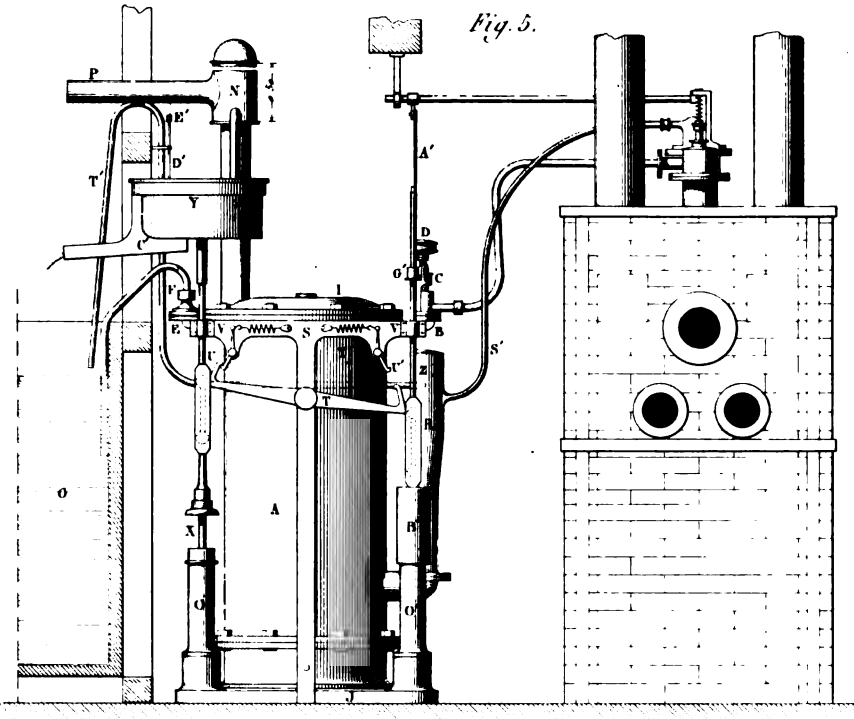
Gravé par J. Petitcolin.

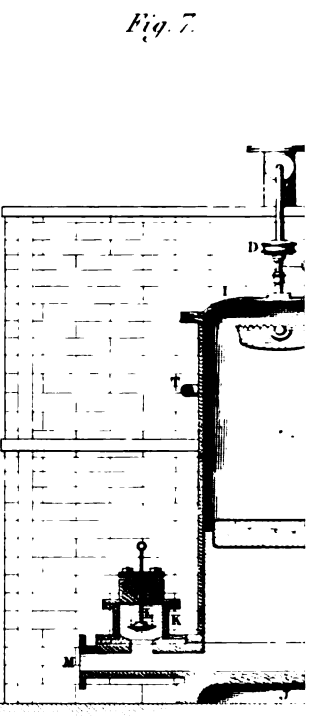


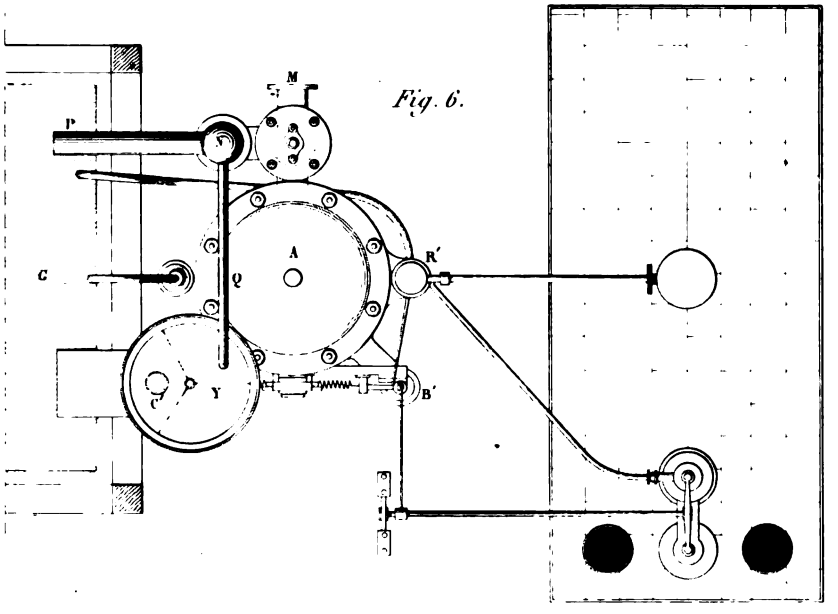
Librairie de L. Hachette.

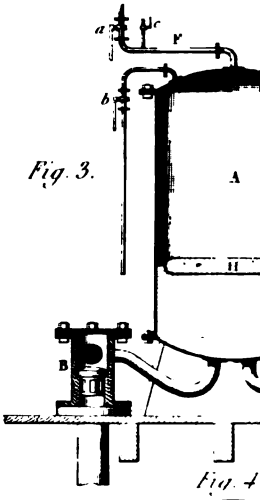


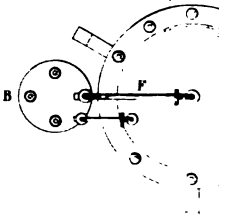
Gravé par J. Petitcolin



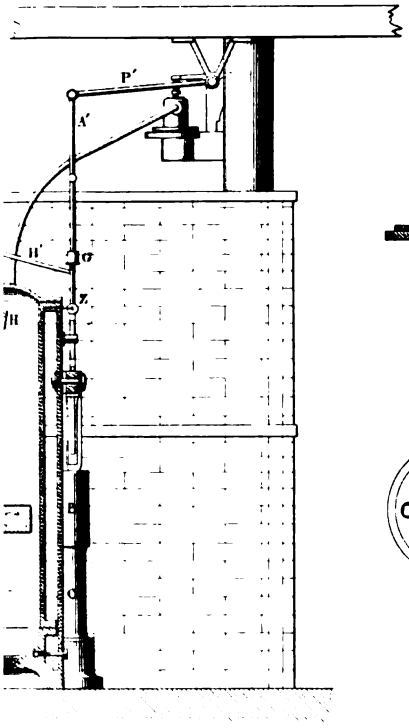








Échelle des Fig. 5, 6 et 7.



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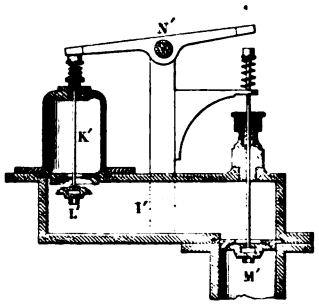
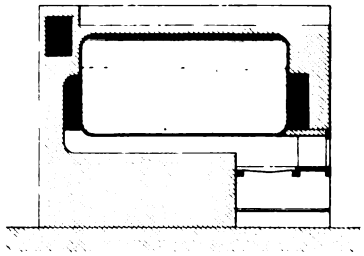


Fig. 1.



Echelle des Fig 1 et 2.

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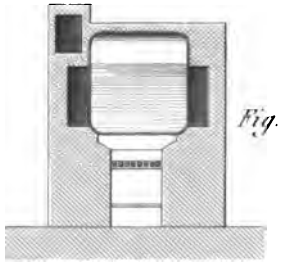
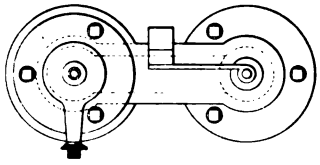
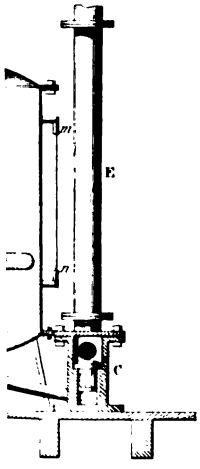


Fig. 2.

Fig. 9.





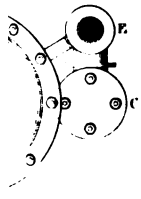


Fig. 12.

Fig. 10.

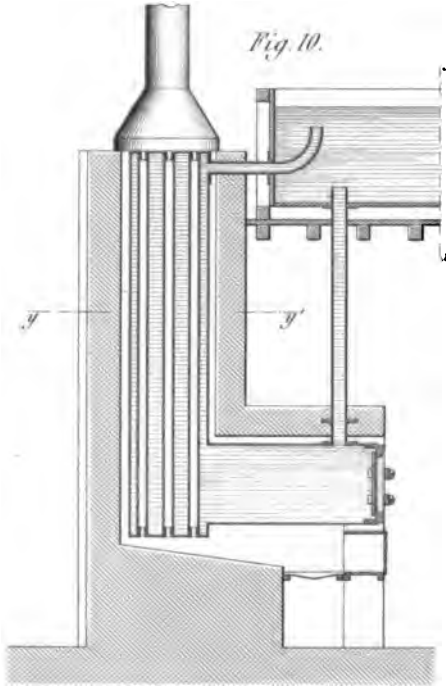


Fig. 11.

Echelle des Fig 10, 11 et 12.

0 1 2 3 4 5 mètres.

Gravé par J. Petitcolin

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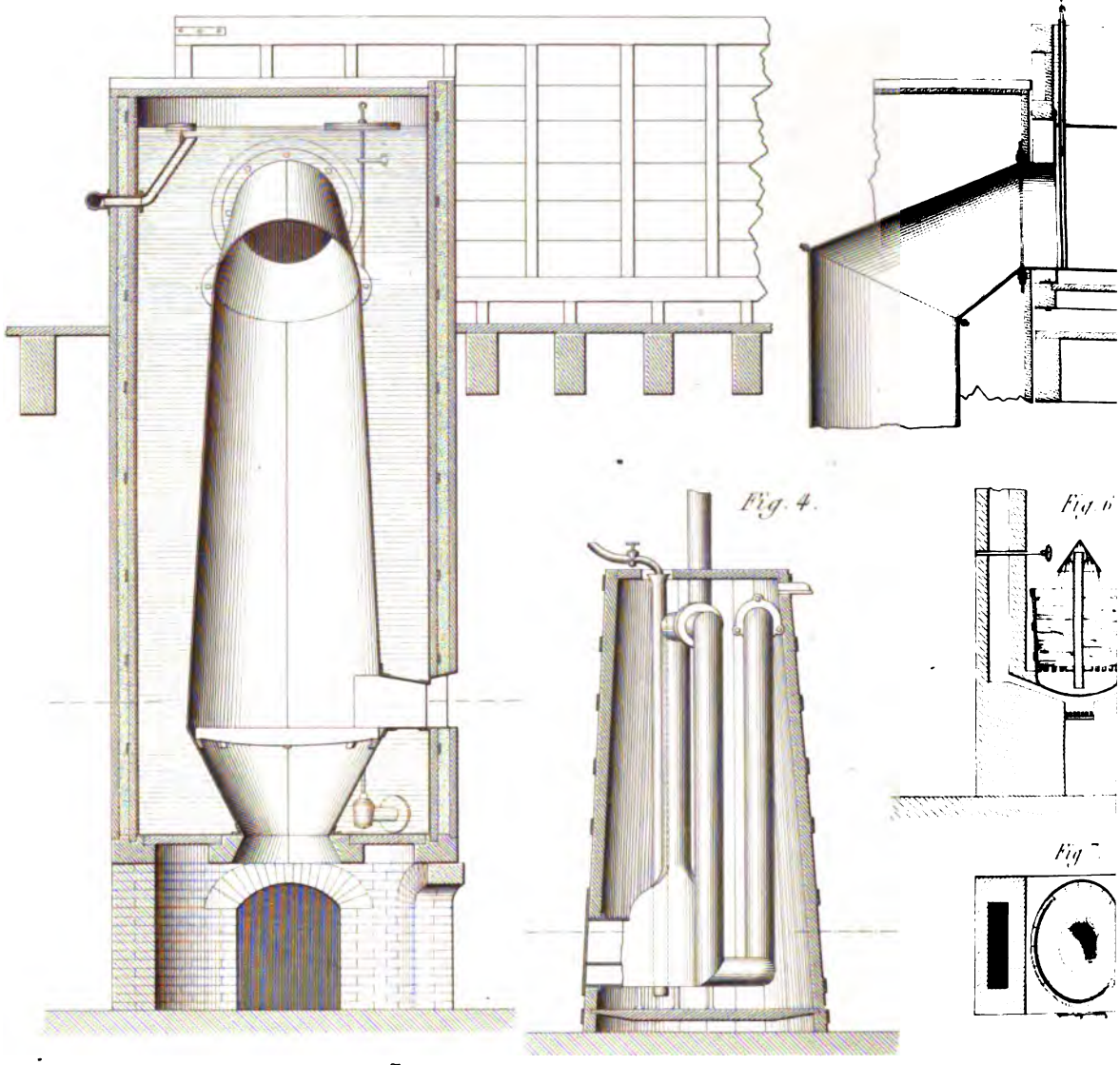
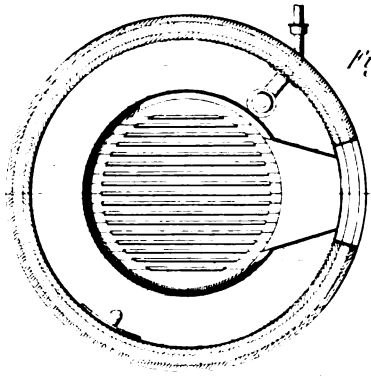


Fig. 4.

Fig. 6

Fig. 7

Fig. 3.



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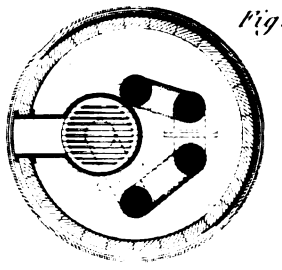

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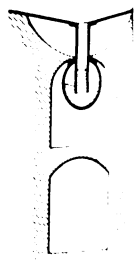
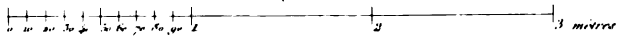
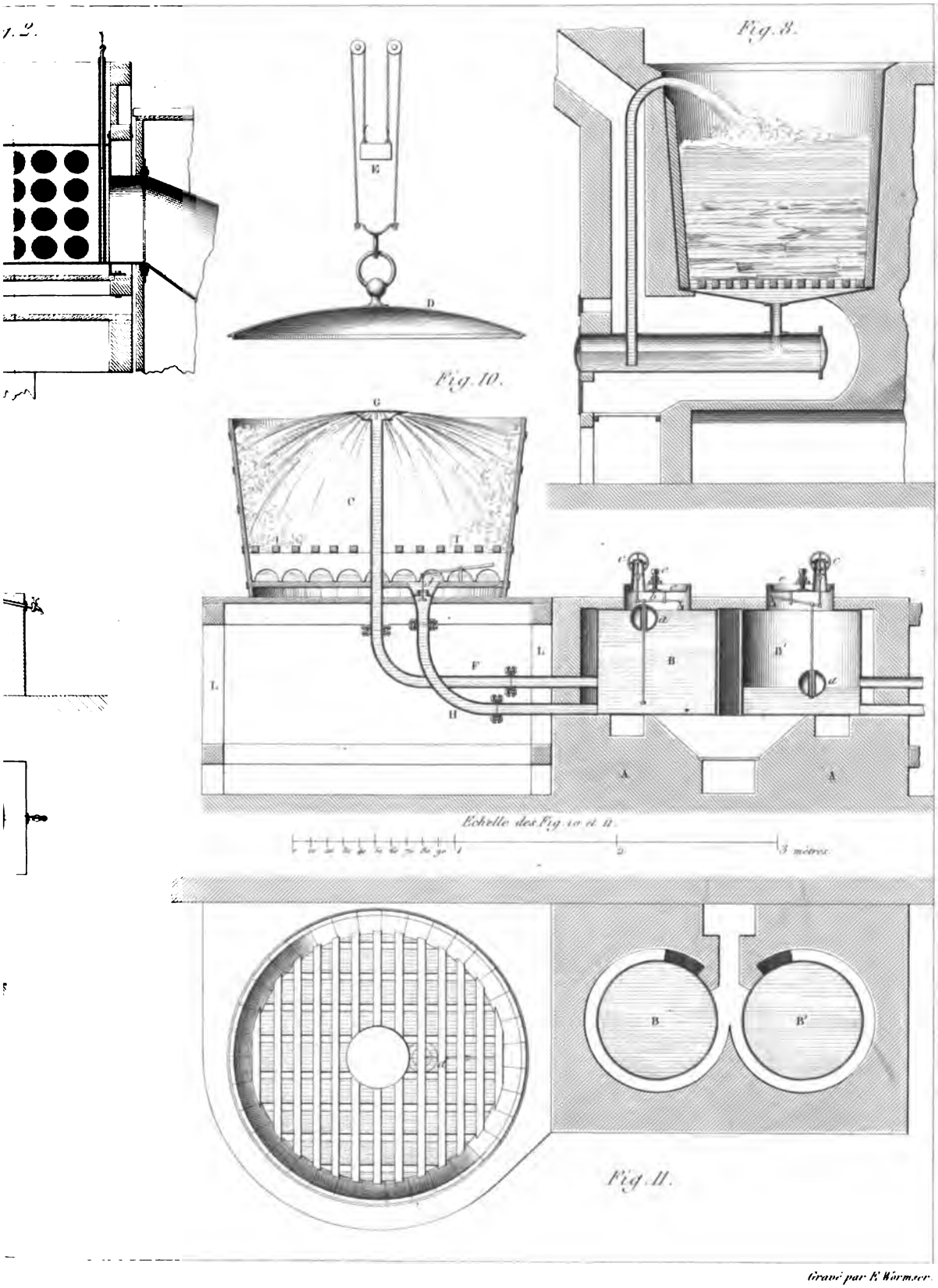
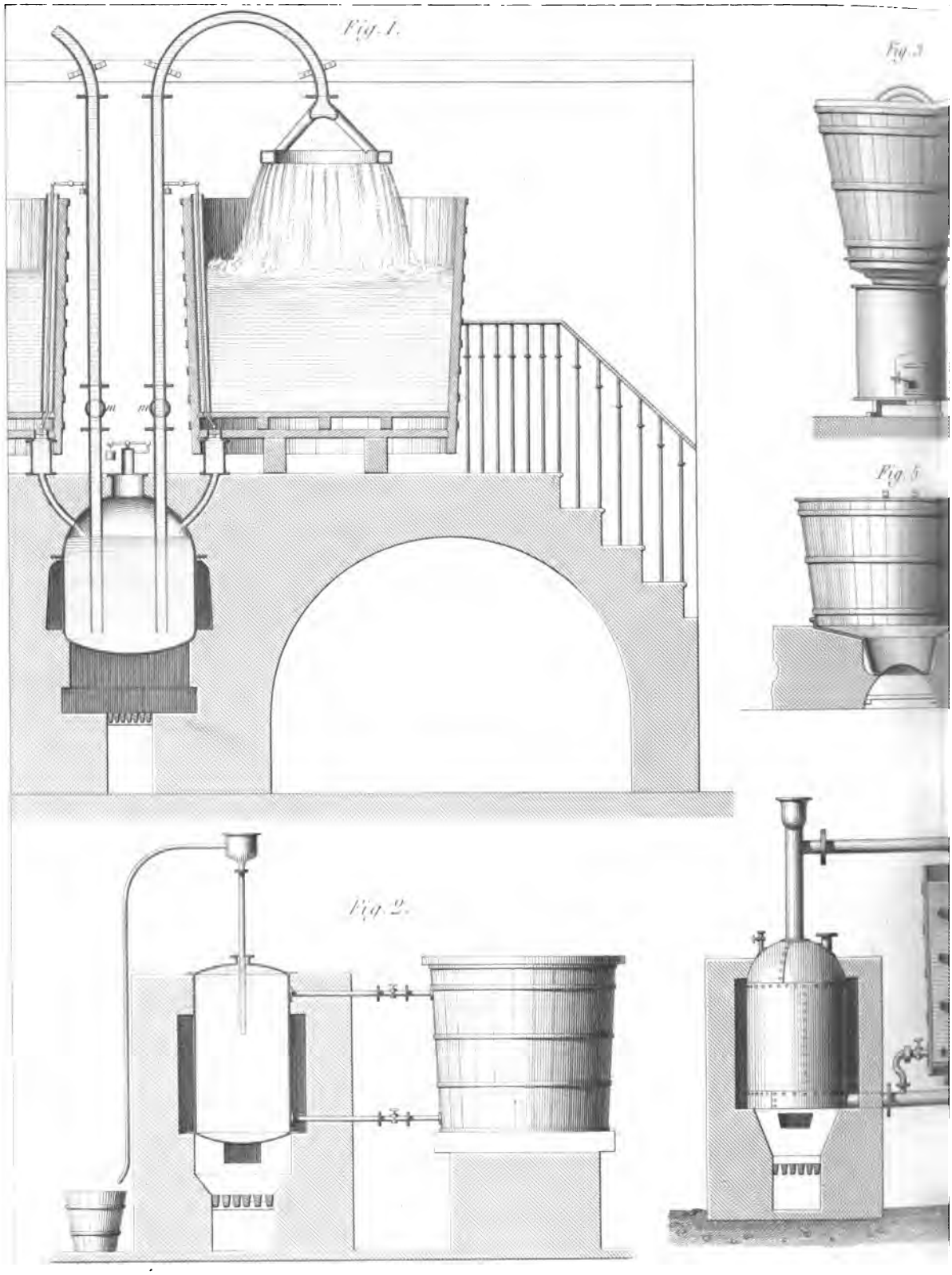


Echelle des Fig. 1, 2 et 3.





Gravé par E. Wormser.



Librairie de L. Hachette.

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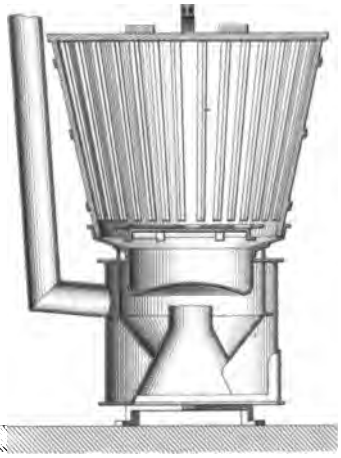

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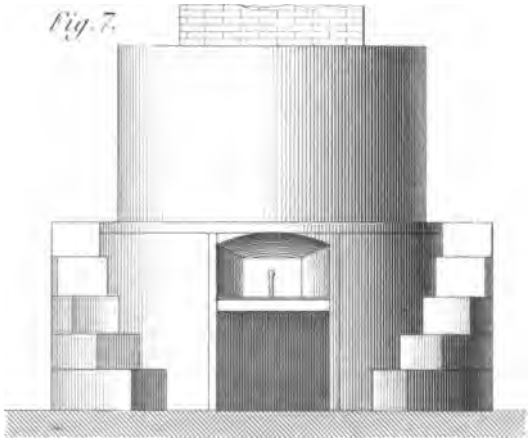

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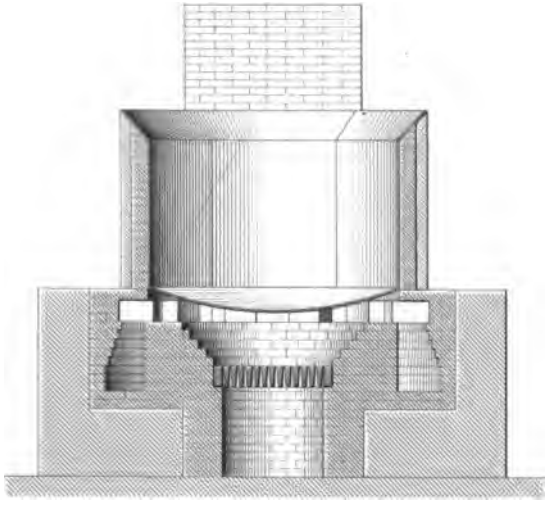

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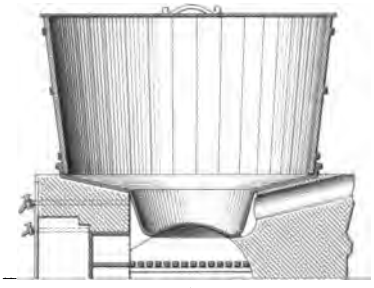

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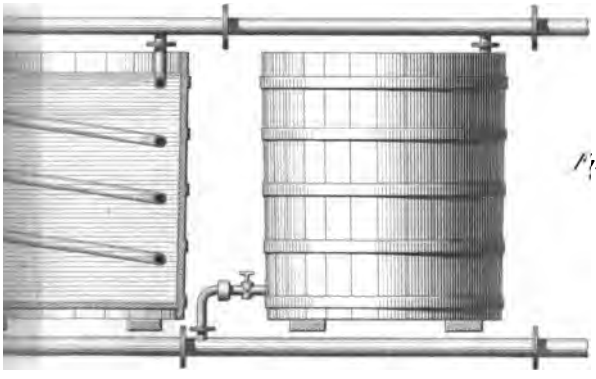

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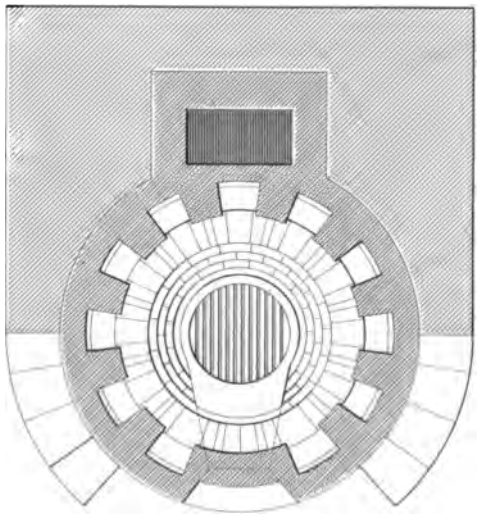
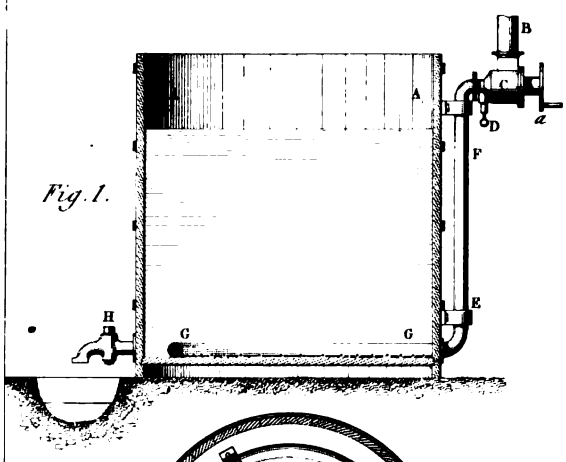


Gravé par E. Wismar



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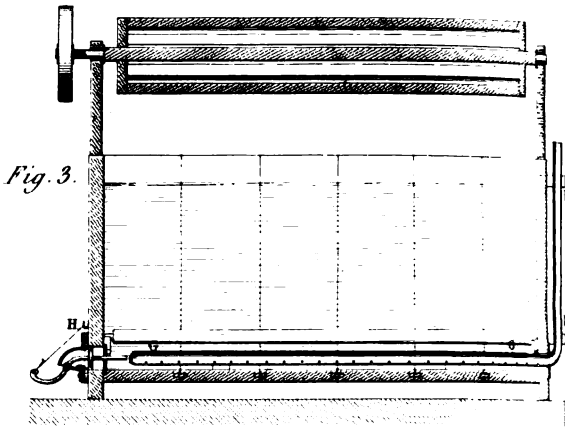

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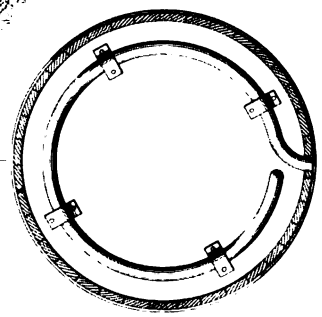

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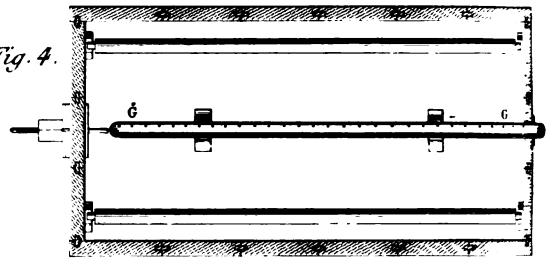
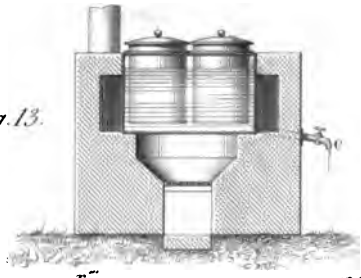


Fig. 4.

Échelle des Fig. 1, 2, 3, 4 et 5.



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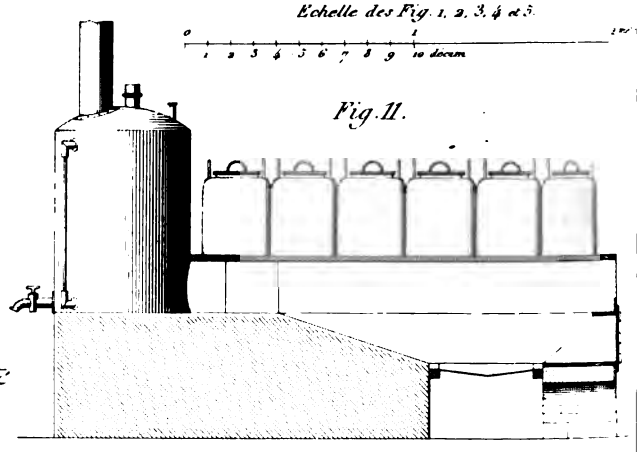


Fig. 11.

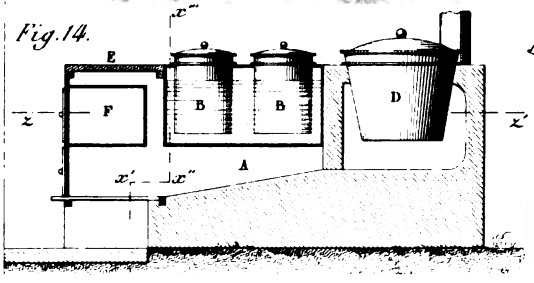
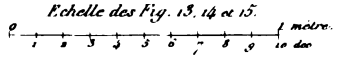
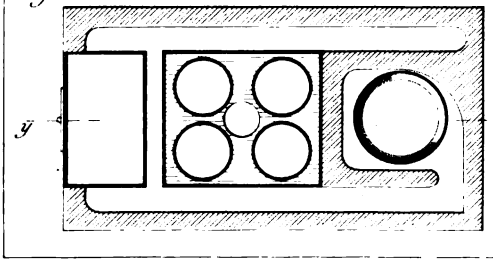


Fig. 14.

Échelle des Fig. 13, 14 et 15.





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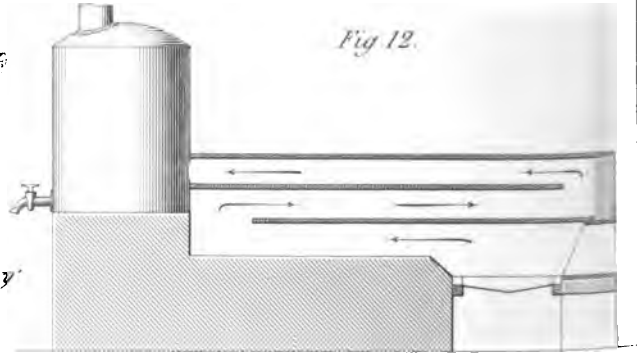

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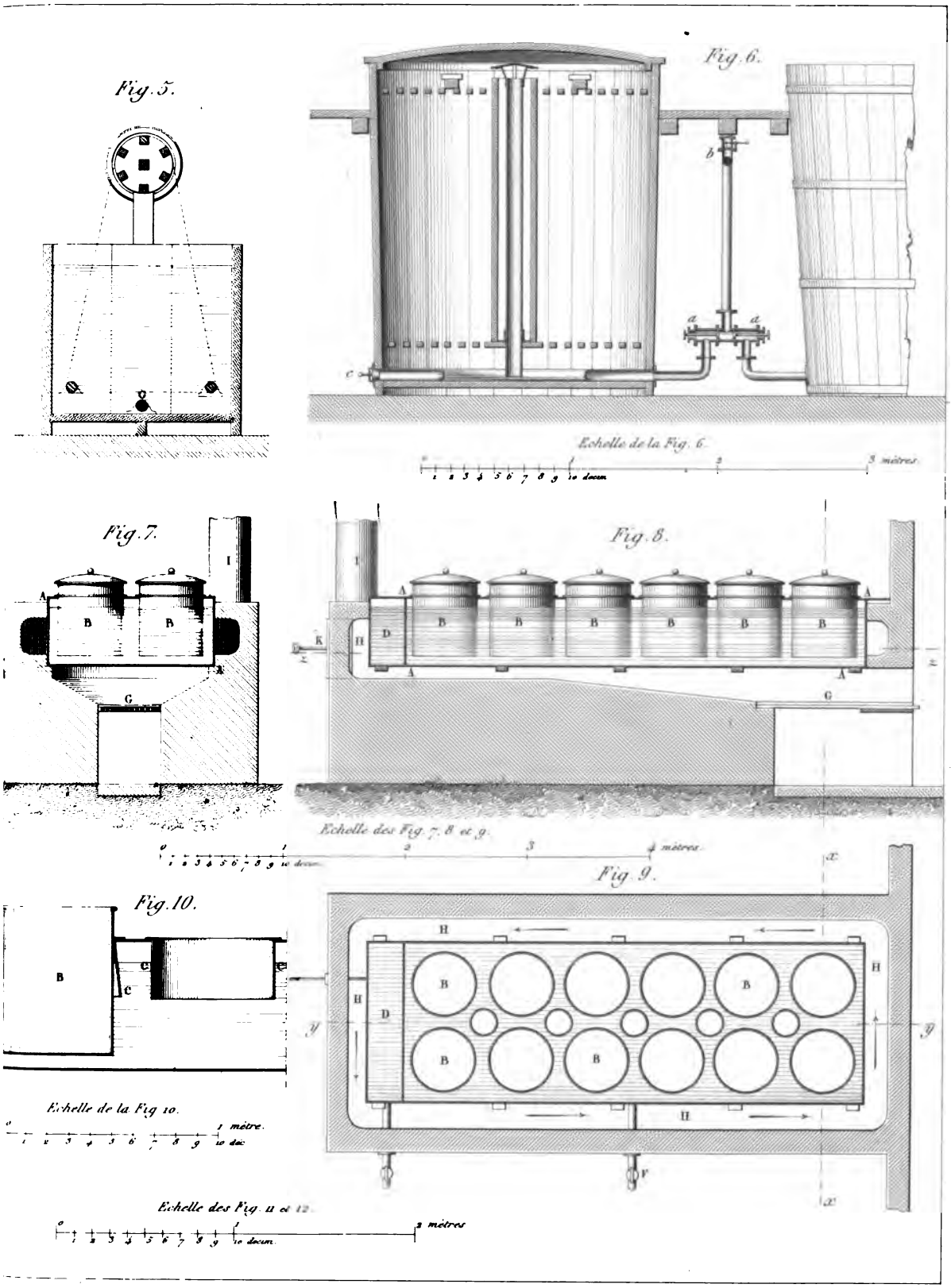
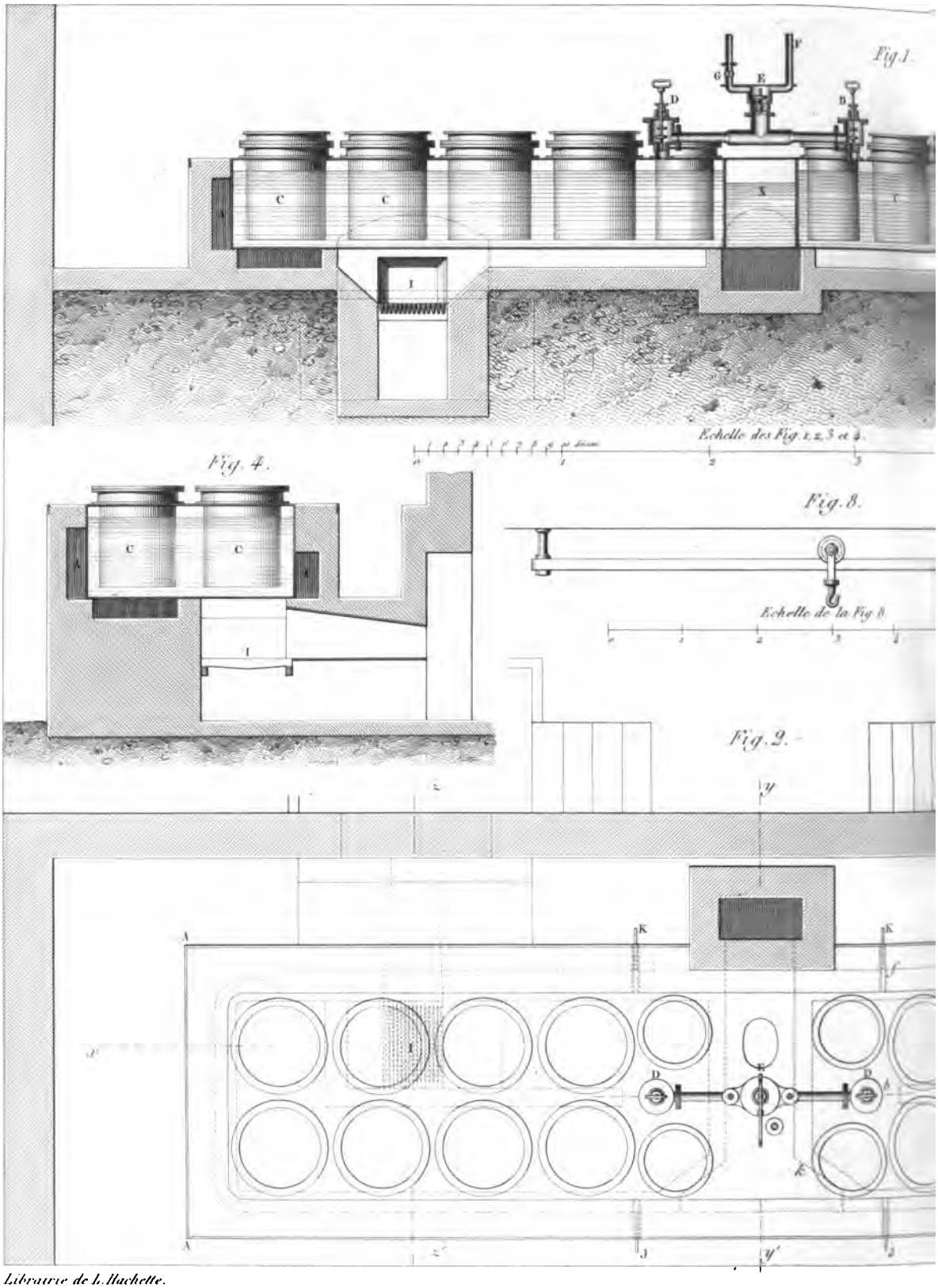
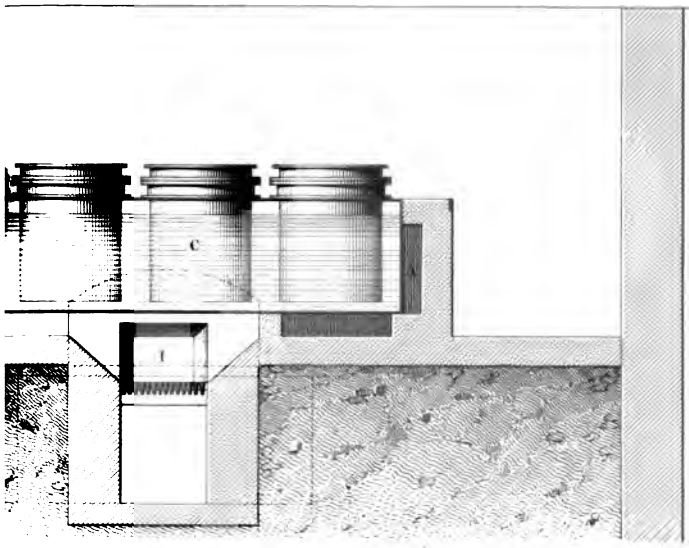


Gravé par E. Wormser



Librairie de L. Hachette.



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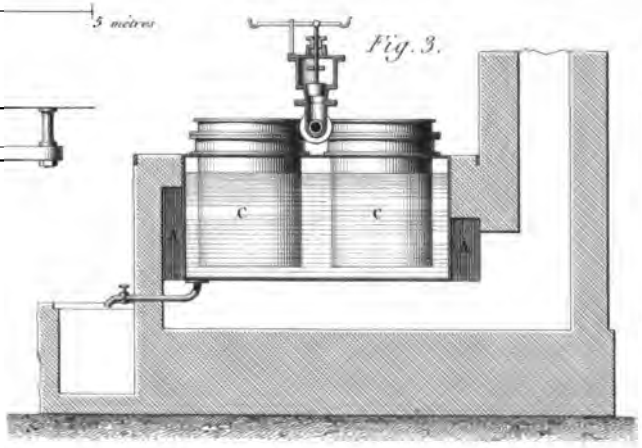

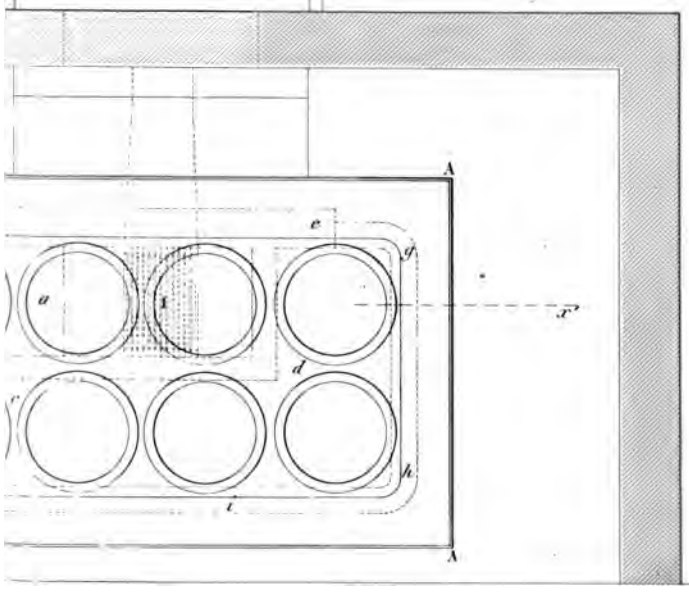

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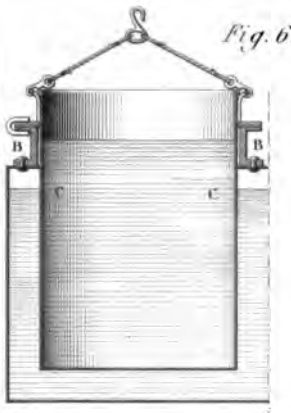

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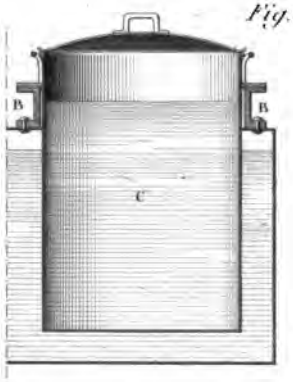

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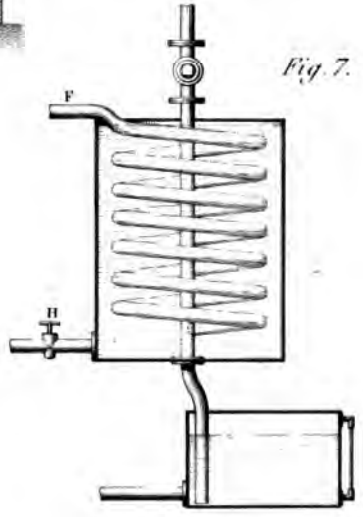
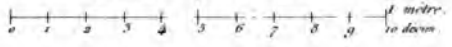
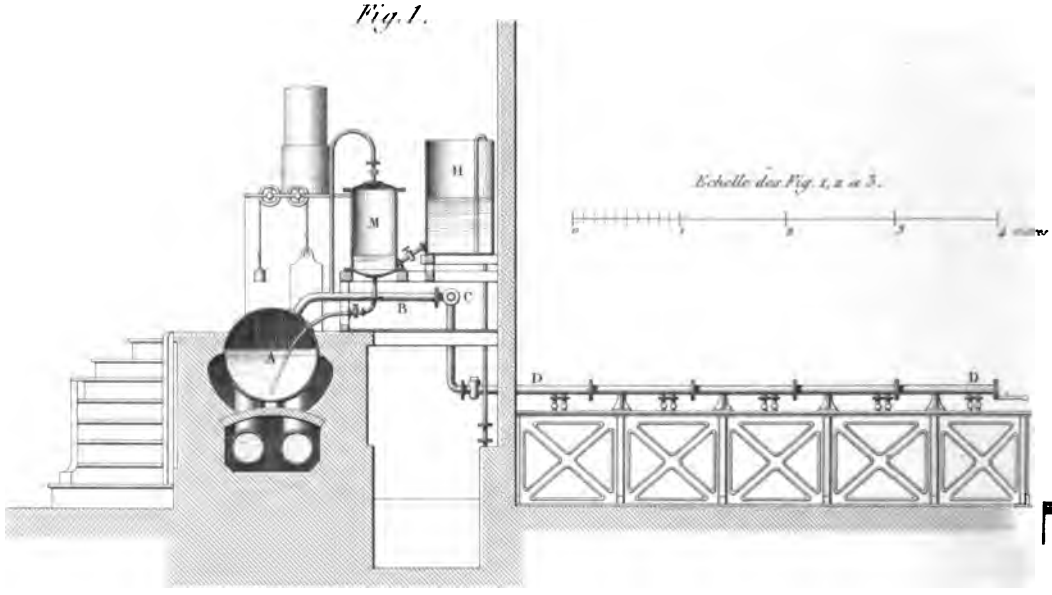


Échelle des Fig. 5, 6 et 7.



Gravé par F. Wörmser.

Fig. 1.



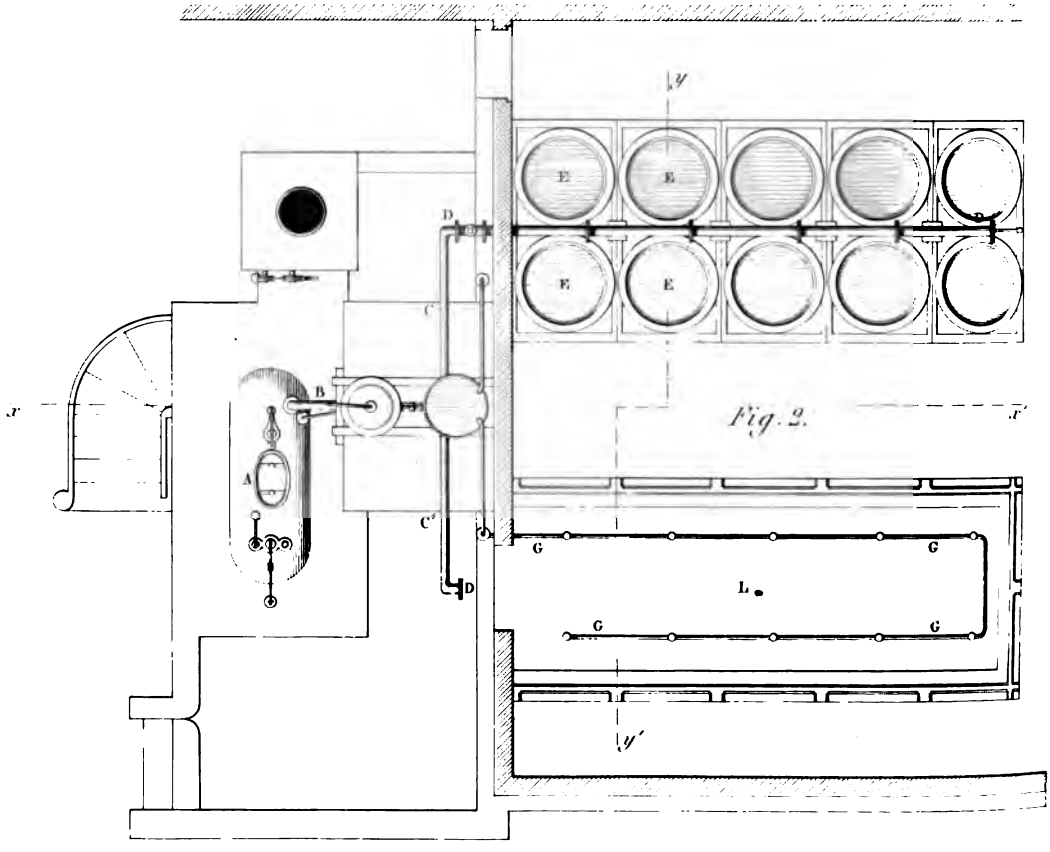
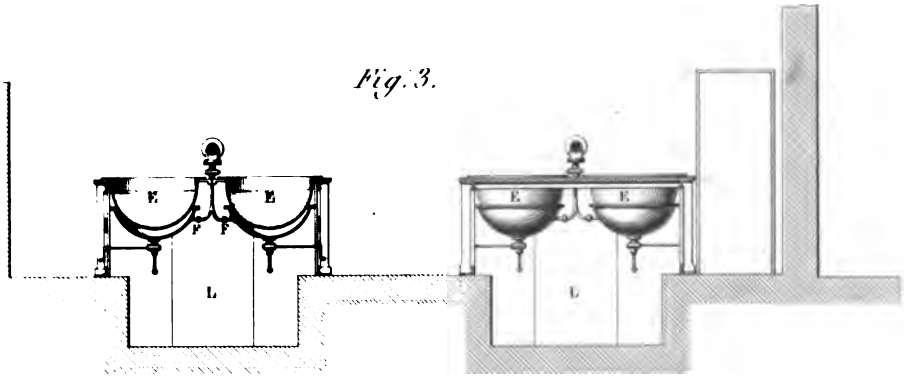


Fig. 2.

Fig. 3.



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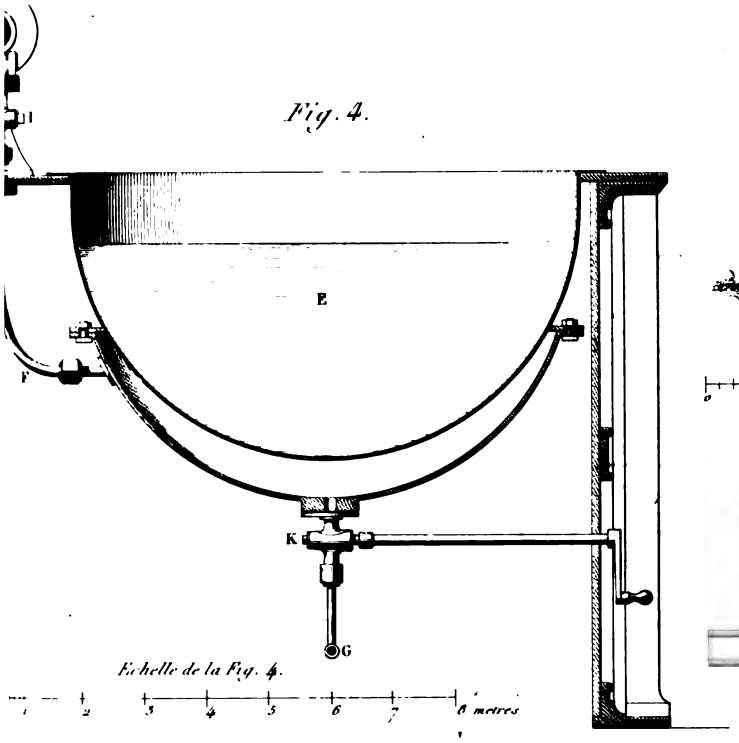

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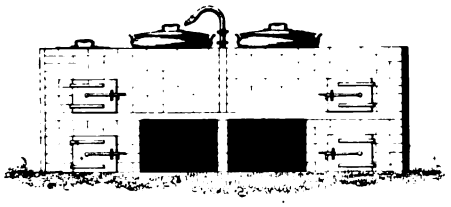
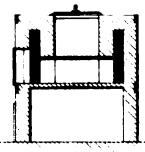


Echelle des Fig. 5, 6, 7 et 8.

Fig. 6.

Fig. 9.



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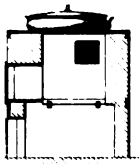

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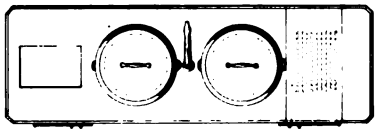
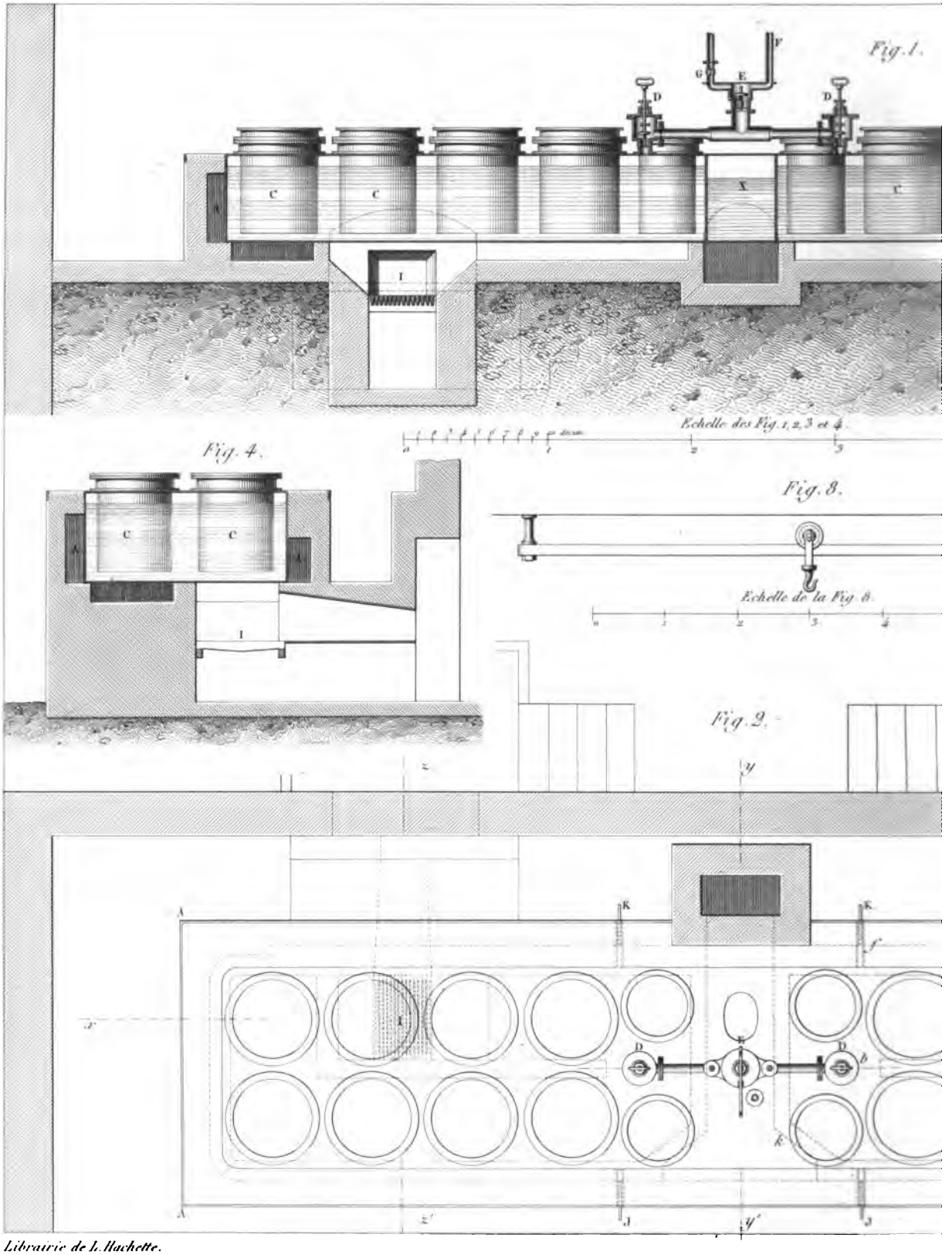
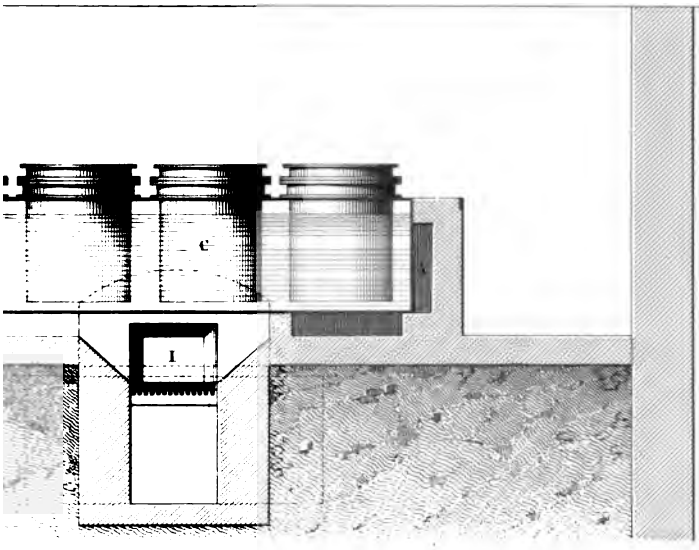
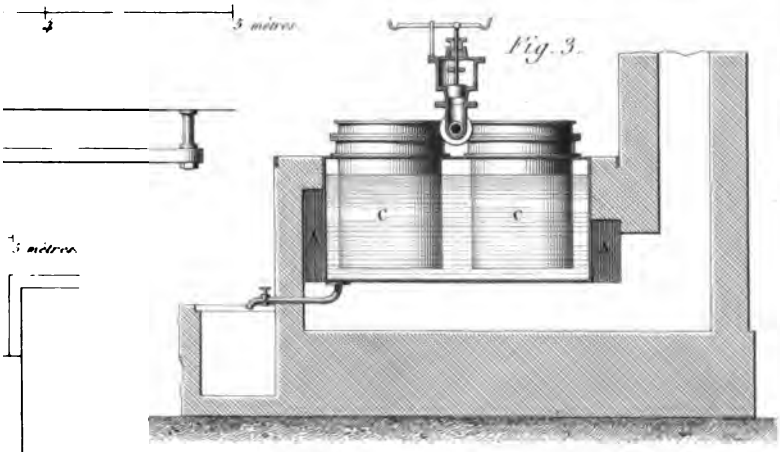


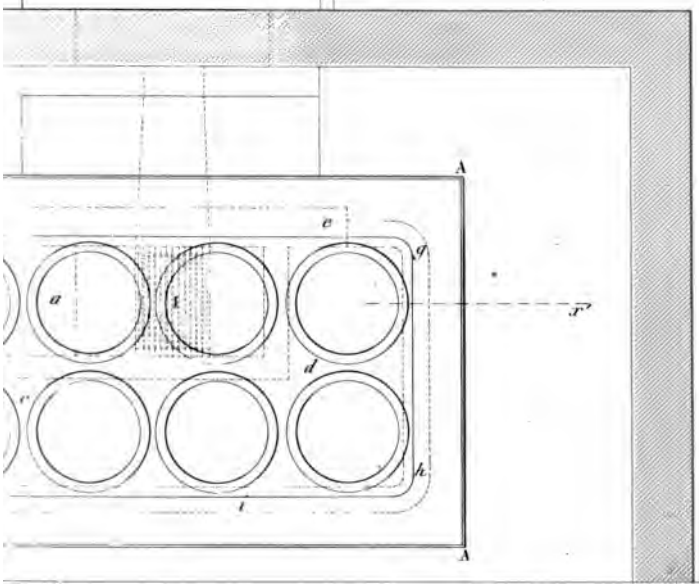
Gravé par J. Petitcolin.

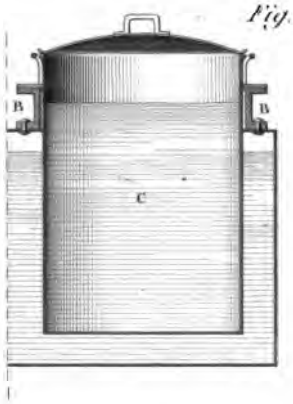


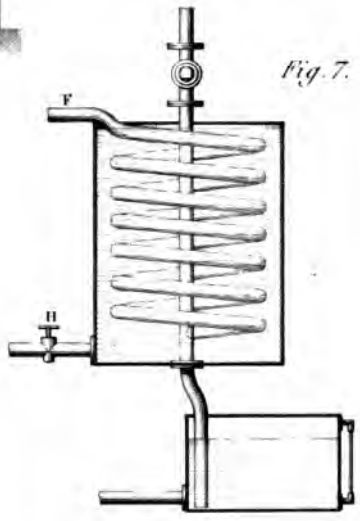
Librairie de L. Hachette.

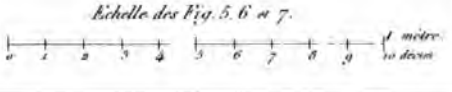












Gravé par F. Wormser.

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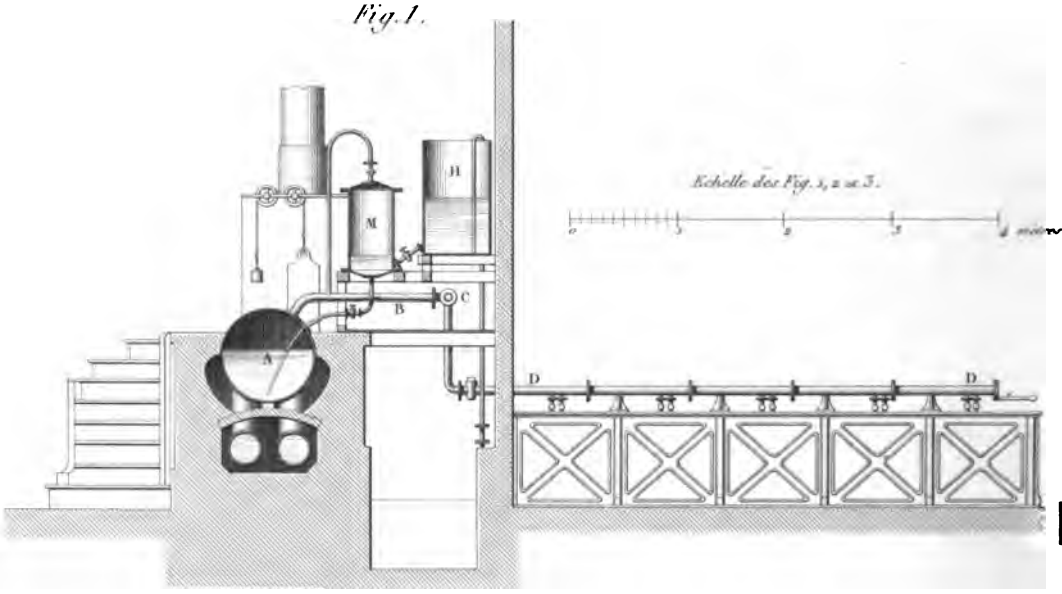
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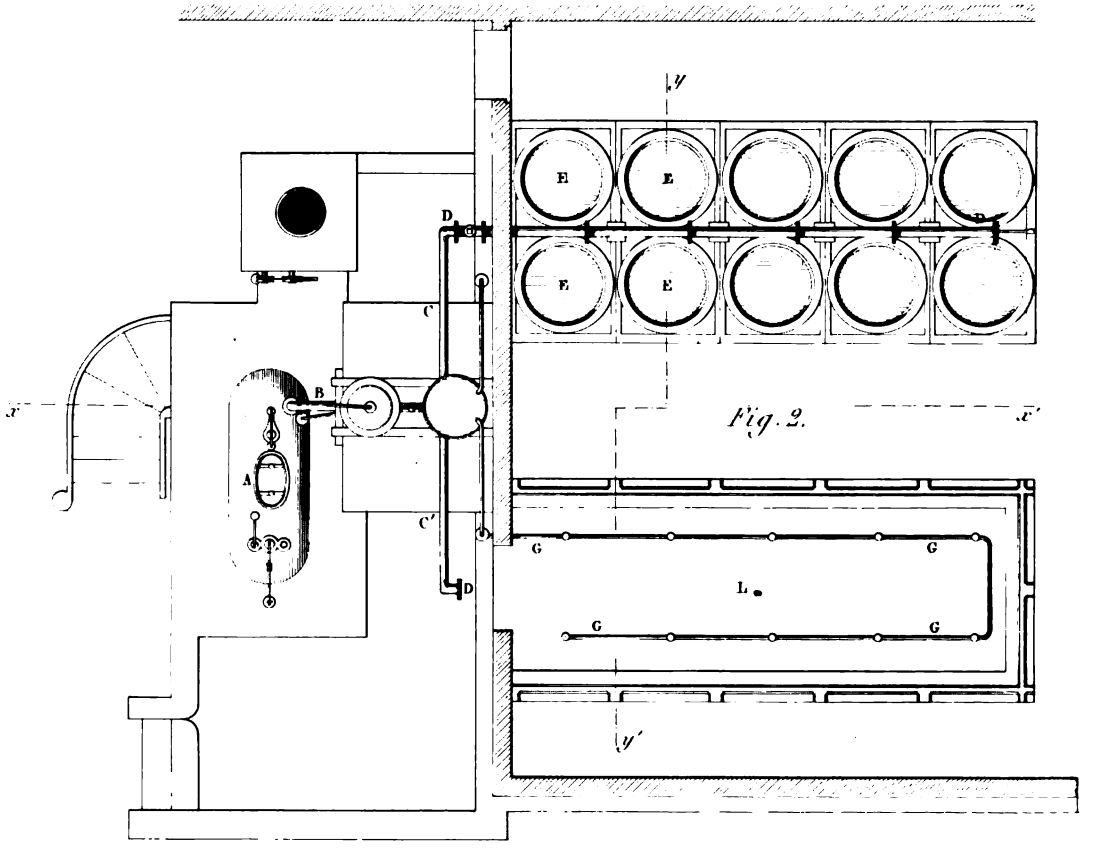
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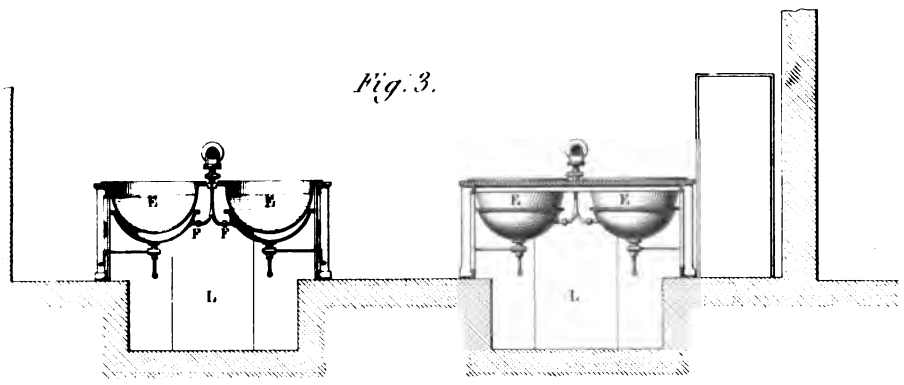
Fig. 2.

Fig. 3.



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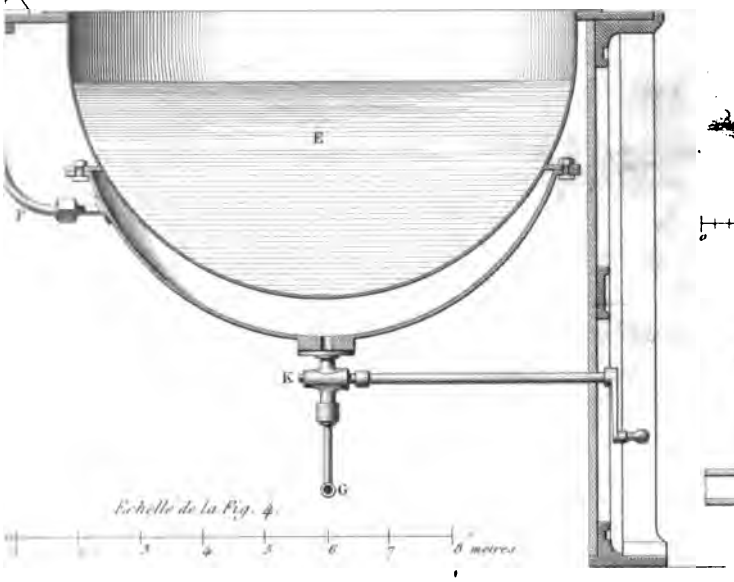

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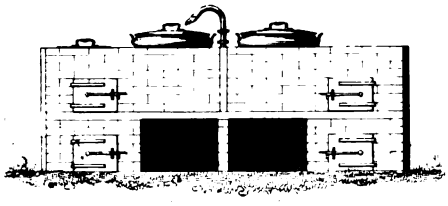


Echelle des Fig. 5, 6, 7 et 8.

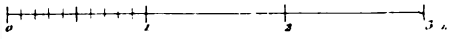
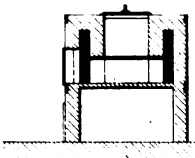


Fig. 6.

Fig. 9.



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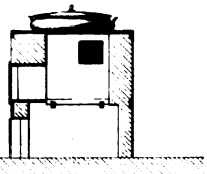

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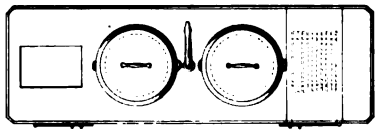

Gravé par J. Petitcolin.

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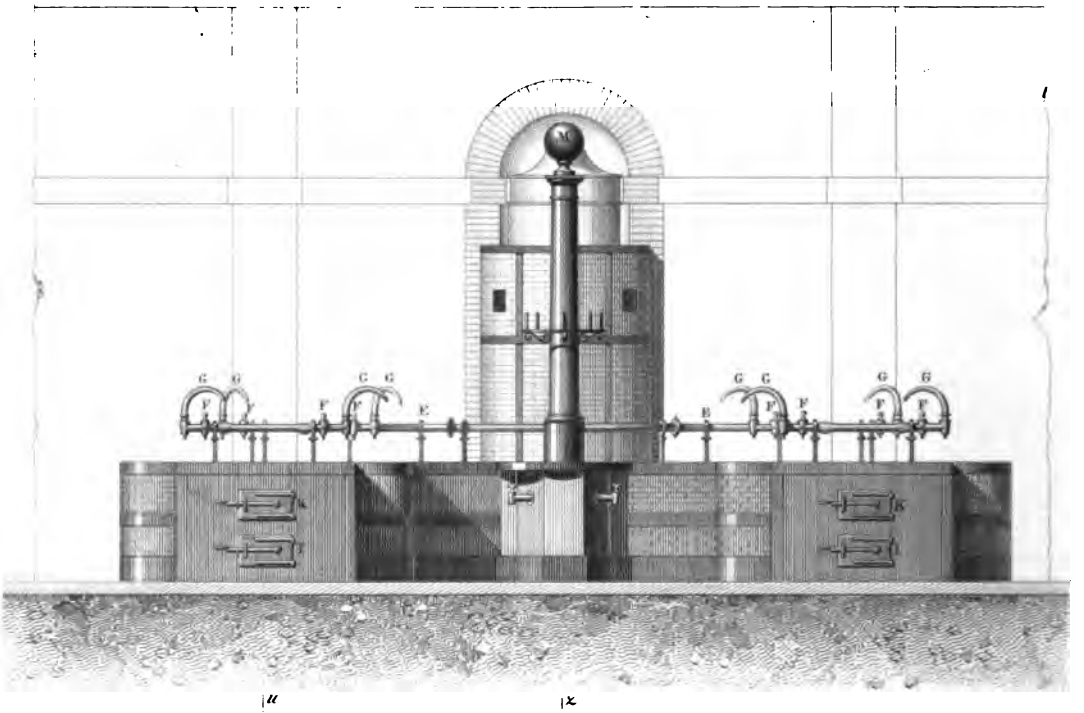


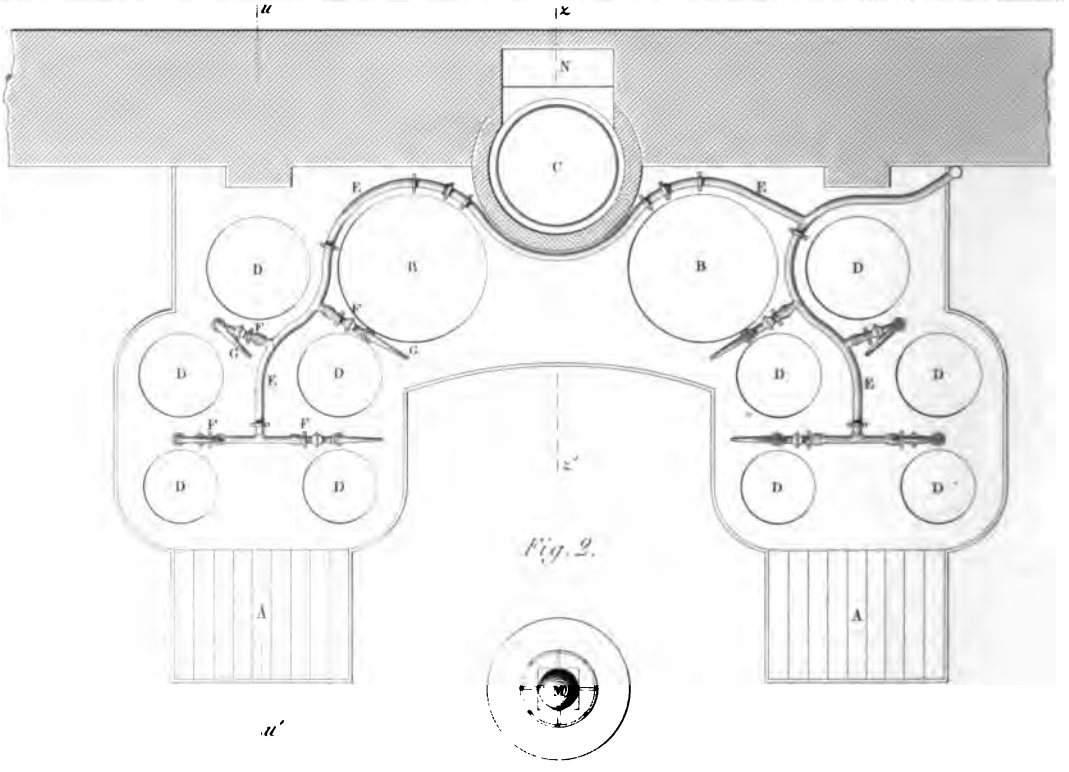
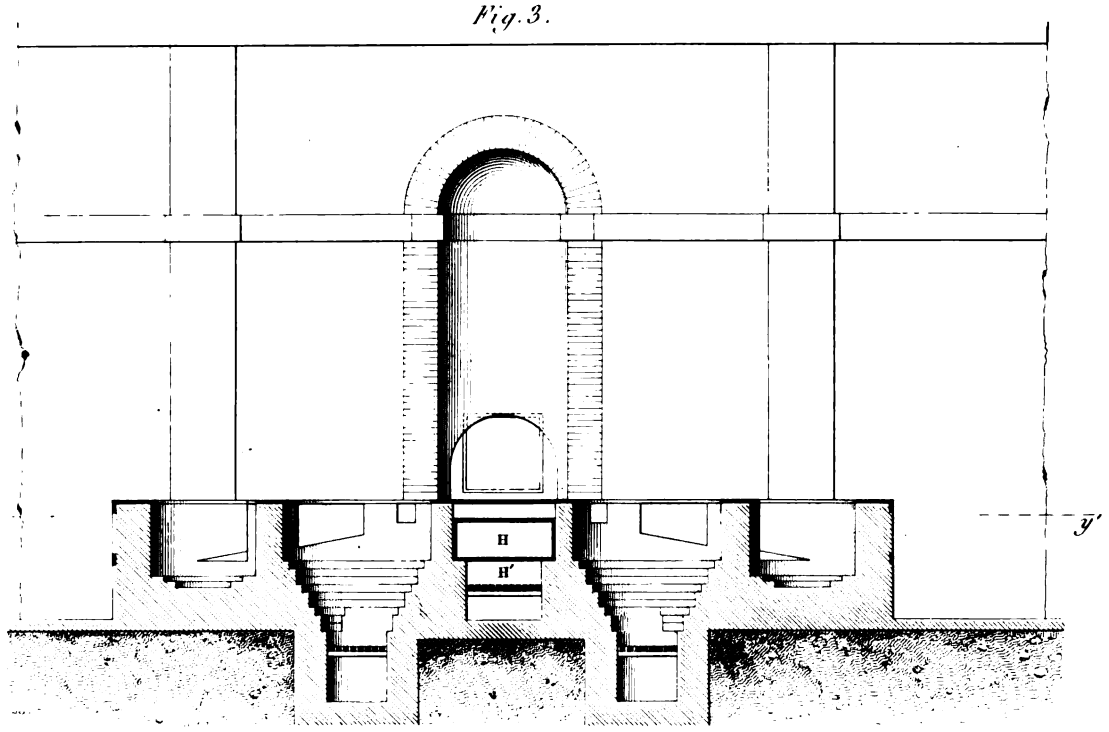
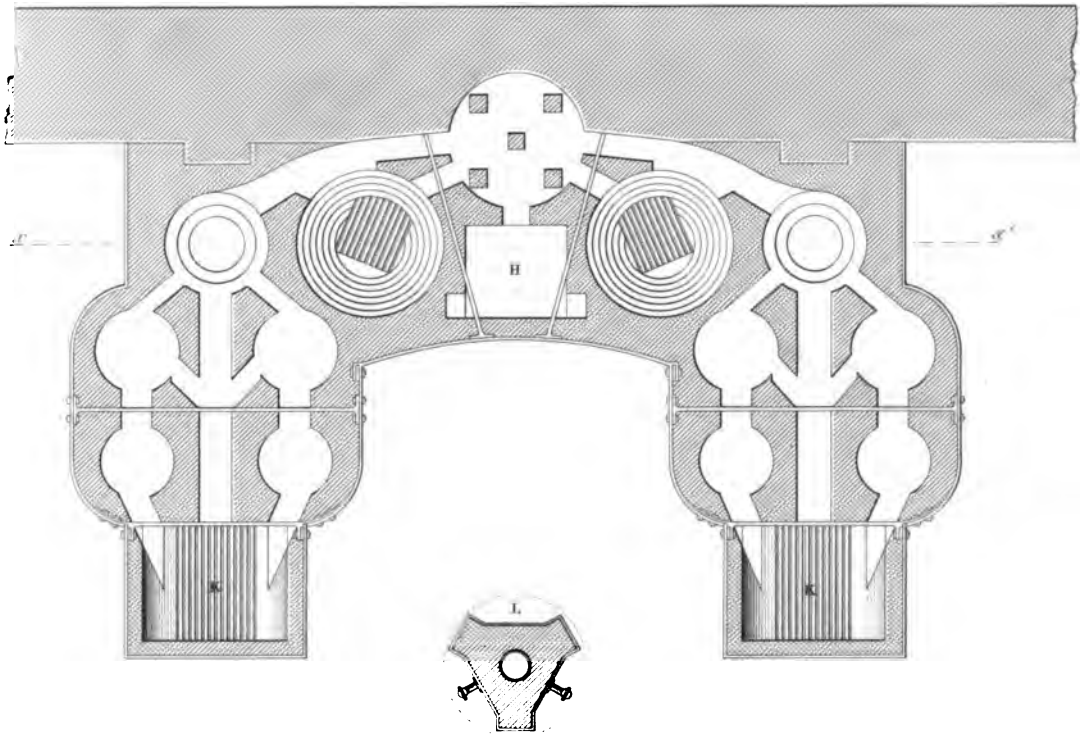


Fig. 2.

Fig. 3.





nelle.

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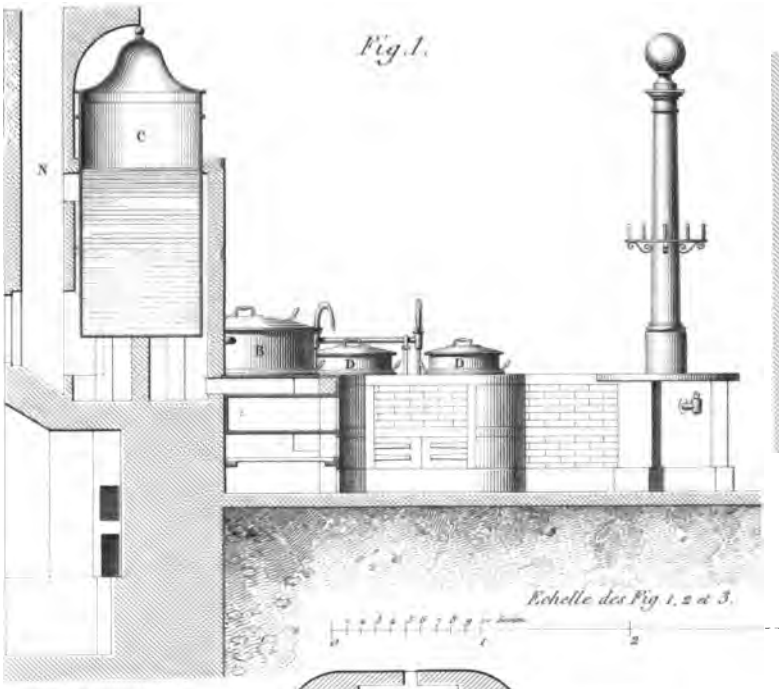
Gravé par J. Petitcolin.



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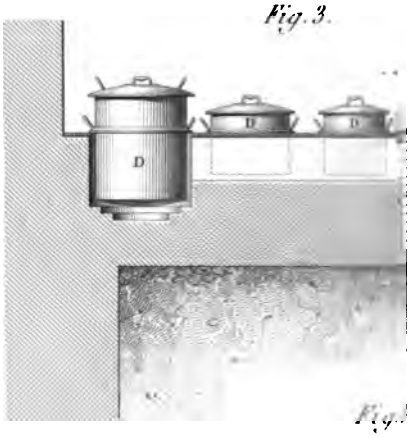

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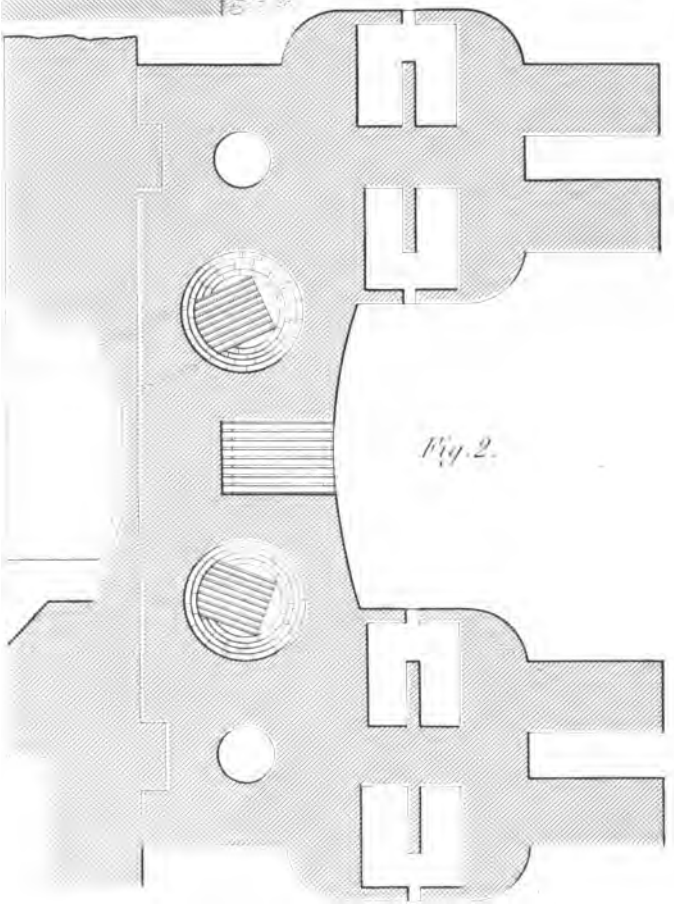

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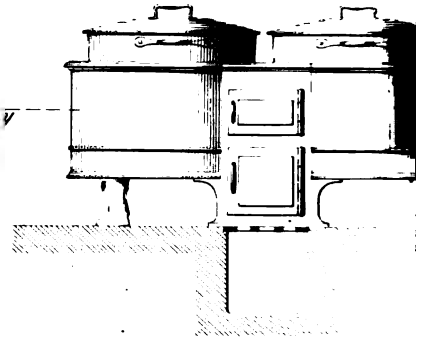

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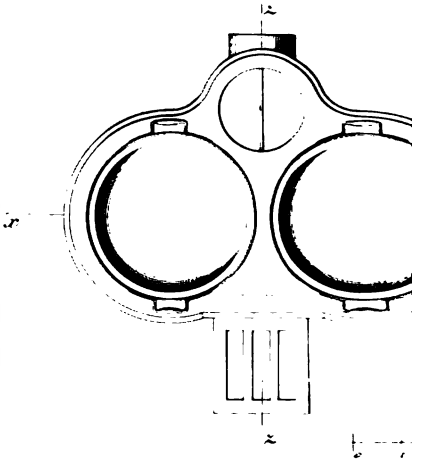
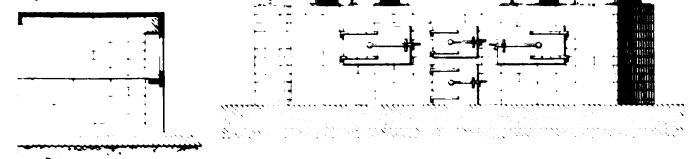


Librairie de L. Hachette.

Fig. 4.



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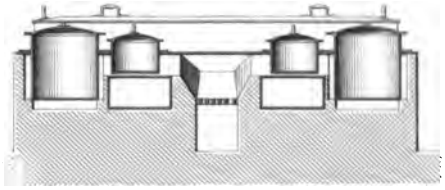

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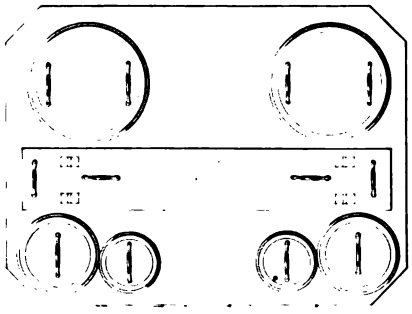

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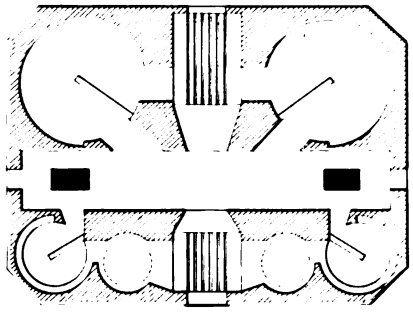

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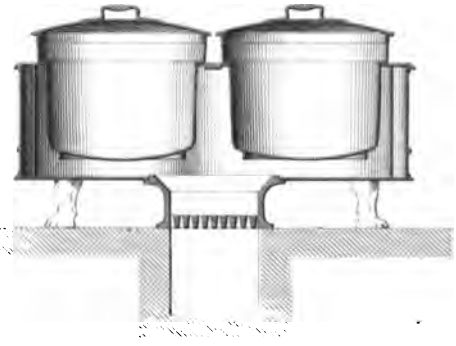

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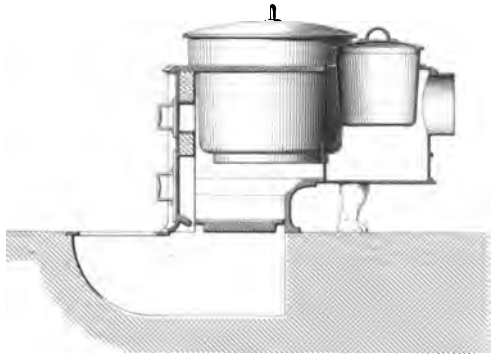

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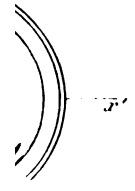

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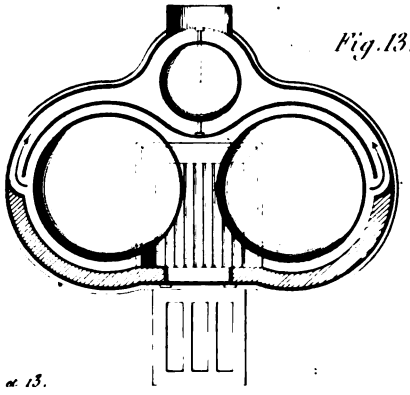

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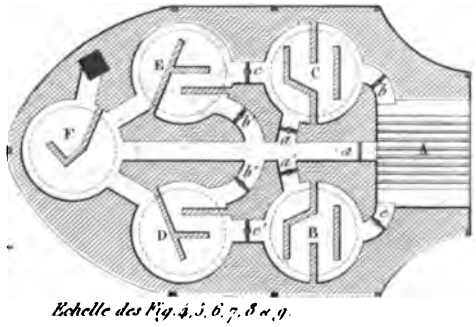

Echelle des Fig. 10, 11, 12 et 13.

0 1 2 3 4 5 6 7 8 9 10 décimètres

Echelle des Fig. 4, 5, 6, 7, 8 et 9.

0 1 2 3 4 mètres.

Gravé par J. Petitcolin.

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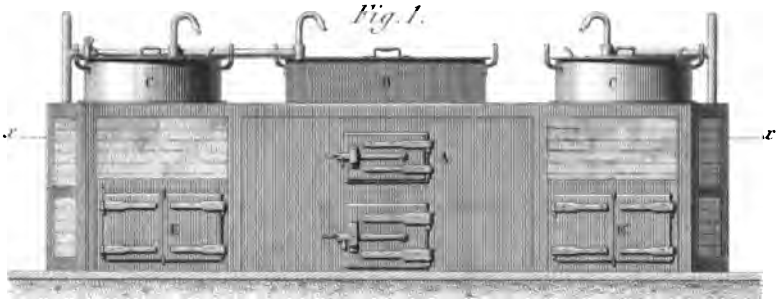

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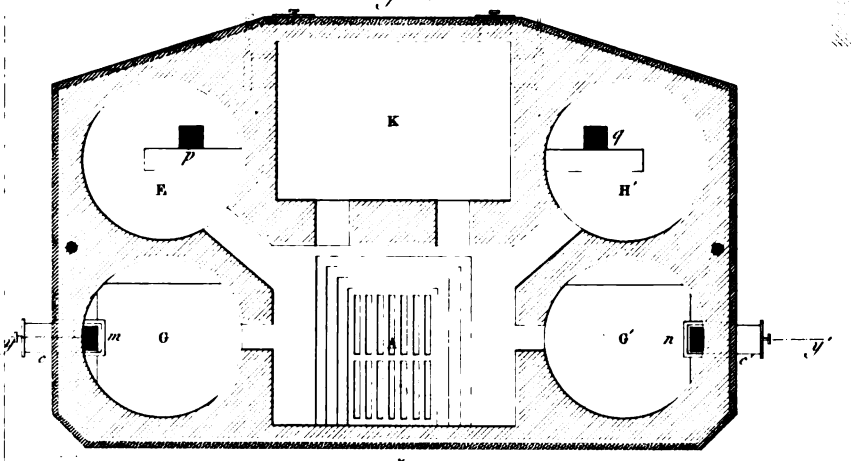

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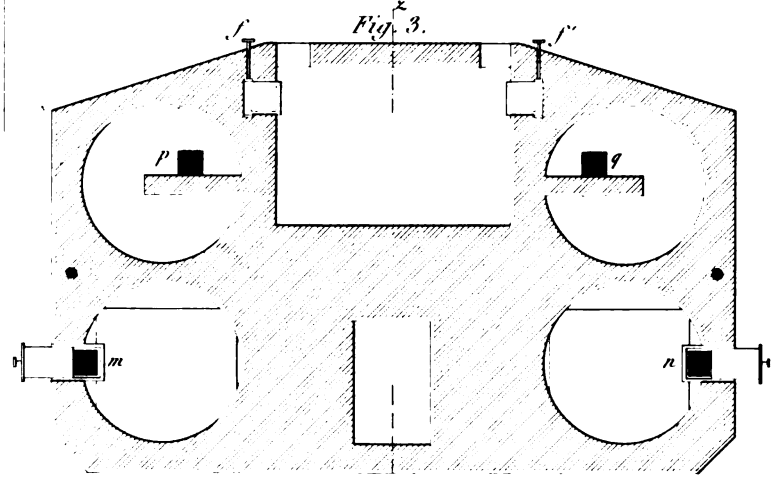

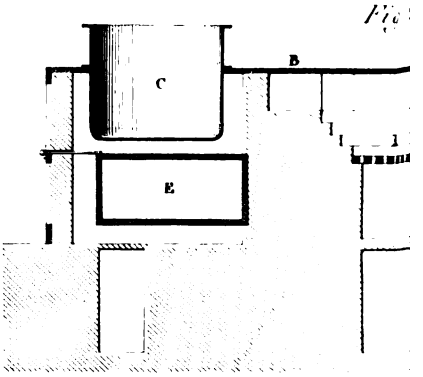

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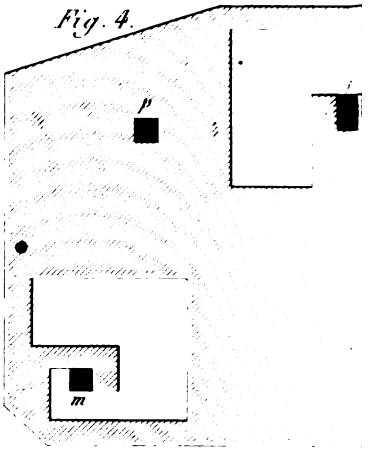

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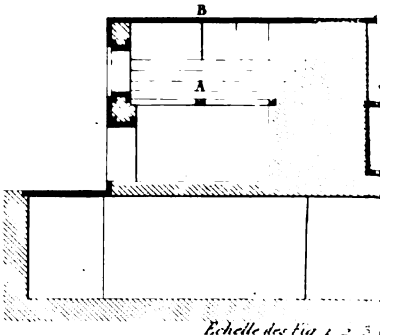

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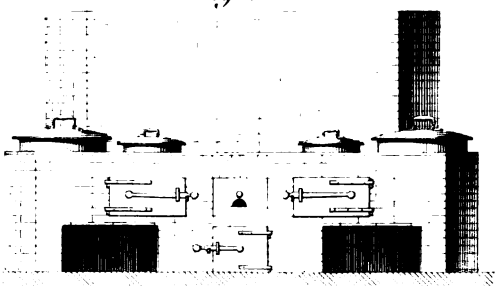

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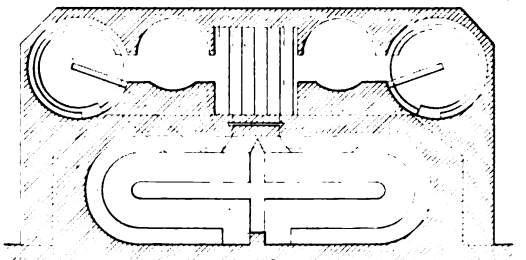

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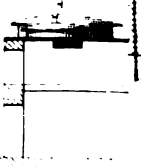
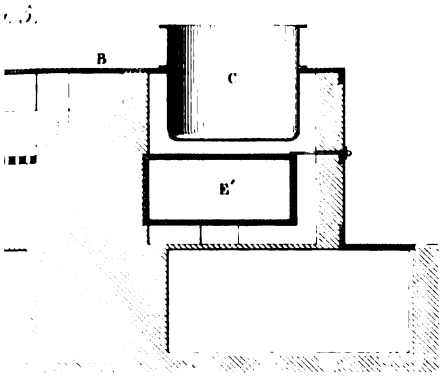


Librairie de L. Hachette.



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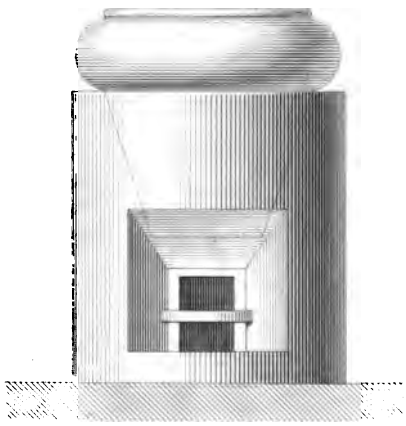

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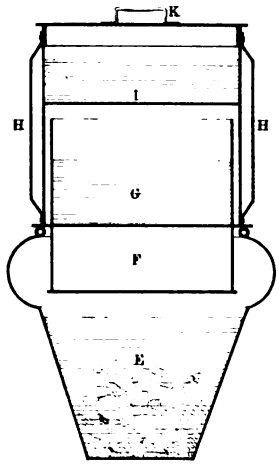

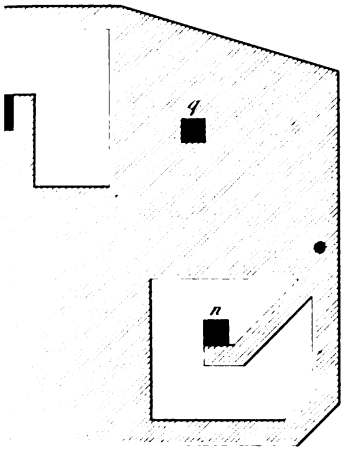

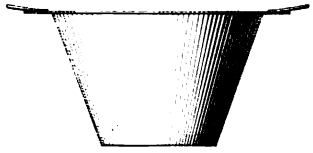

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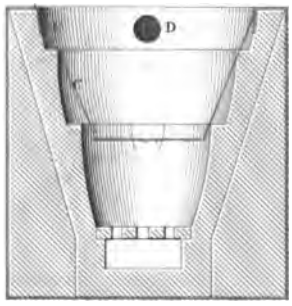

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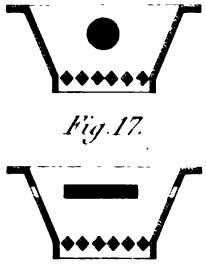


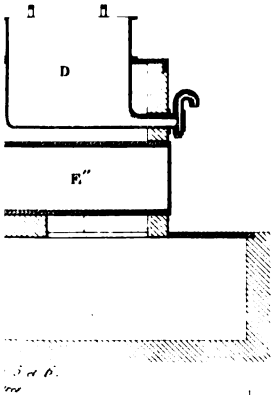
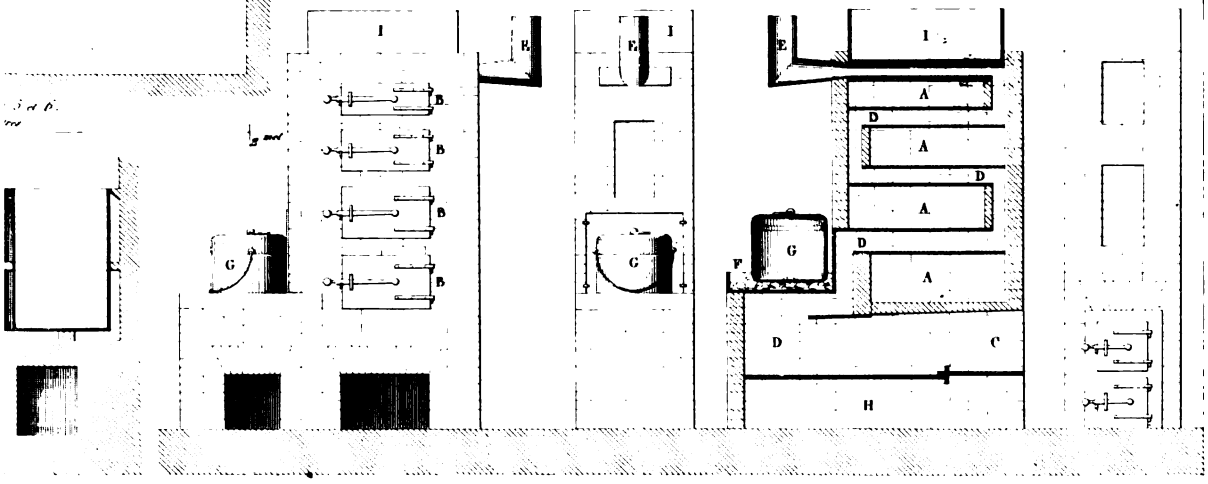


Fig. 10.

Fig. 11.

Fig. 12.

Fig. 13.



Gravé par J. Petitcolin

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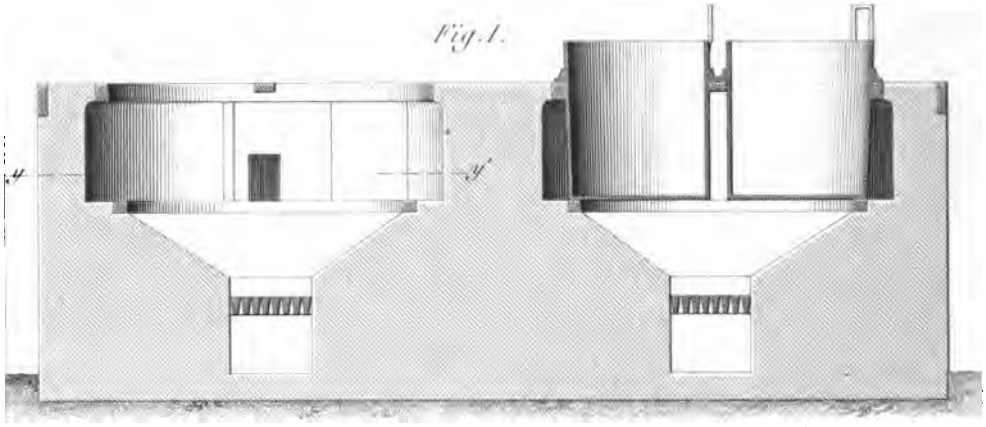

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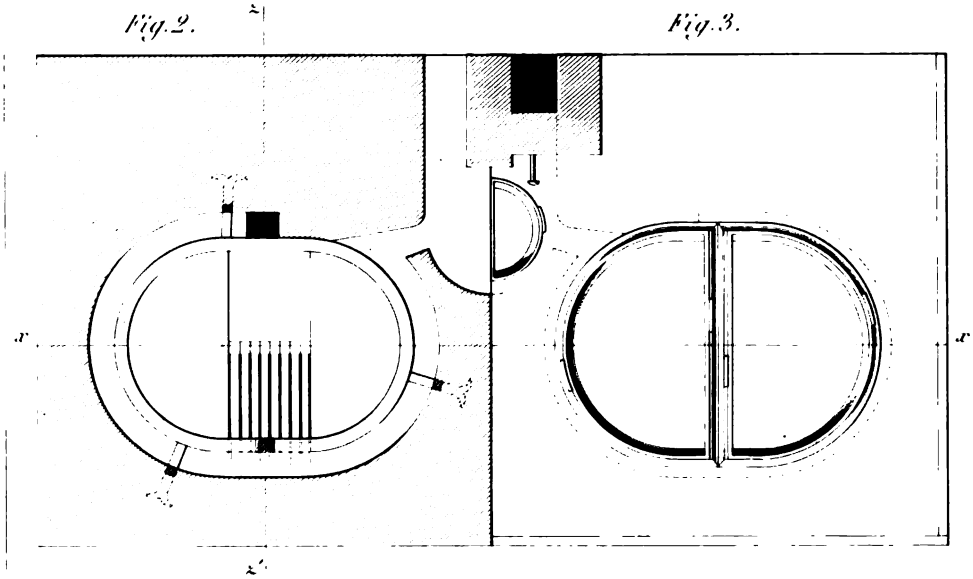

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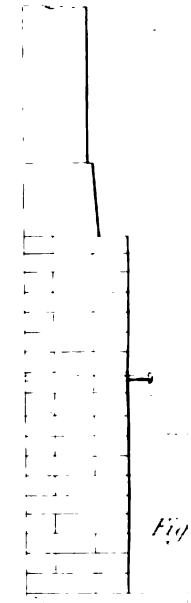

Fig

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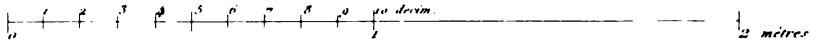

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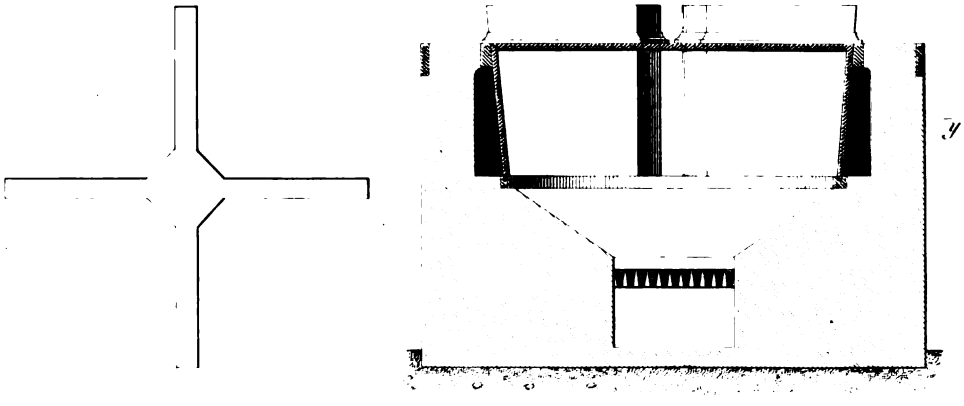

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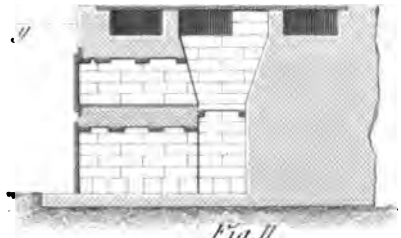

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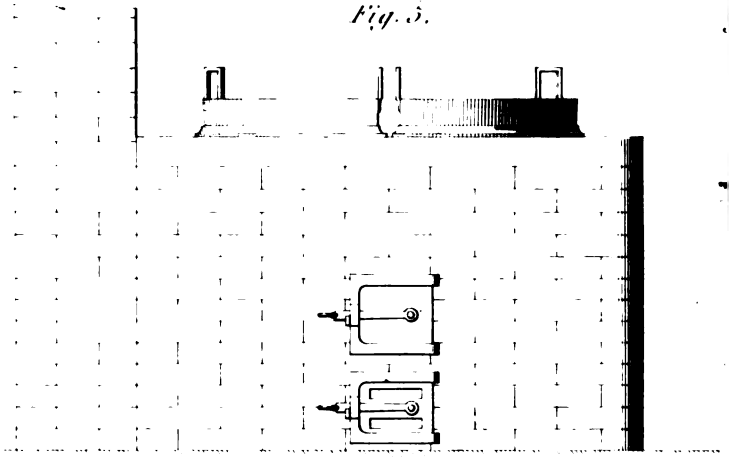

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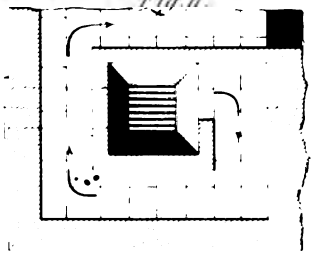

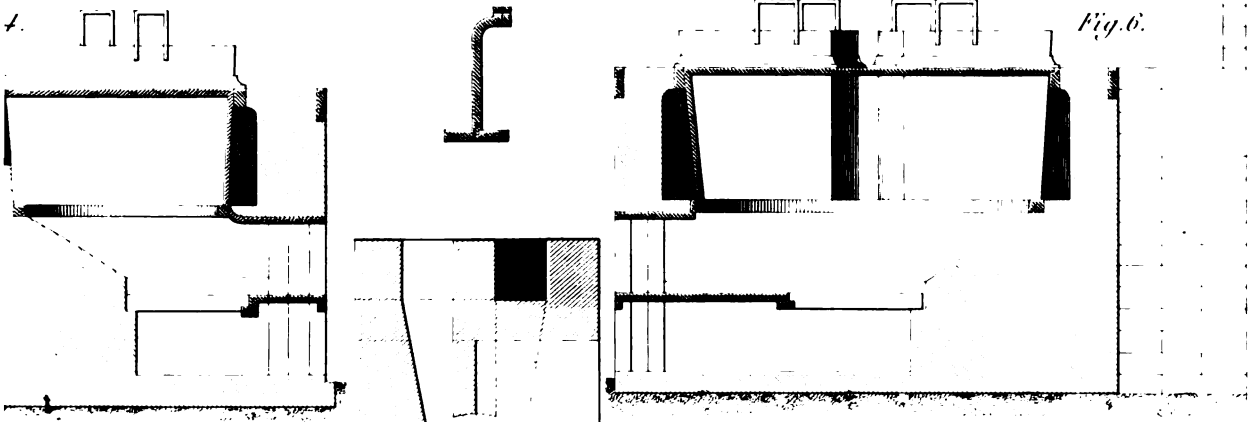

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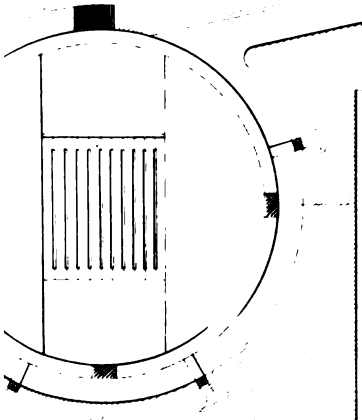

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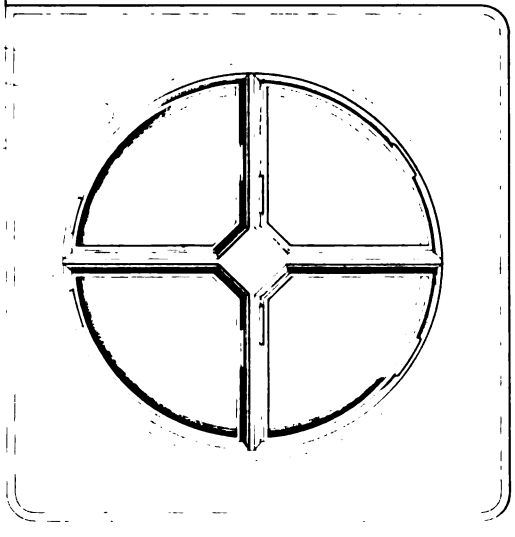

Gravé par P. Wormser.

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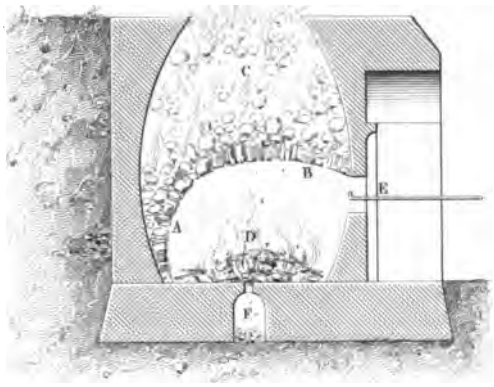

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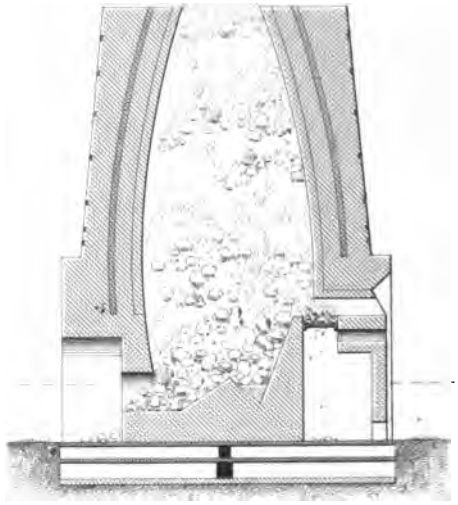

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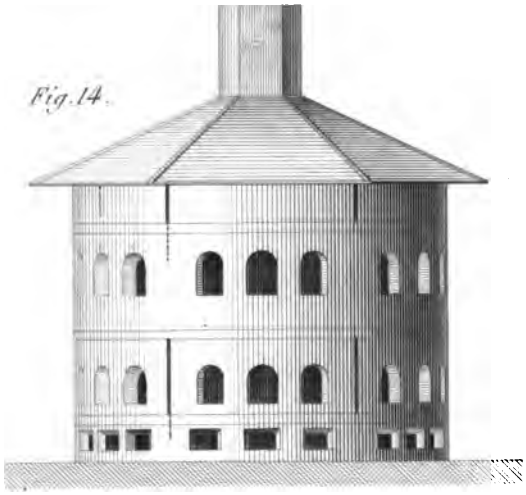

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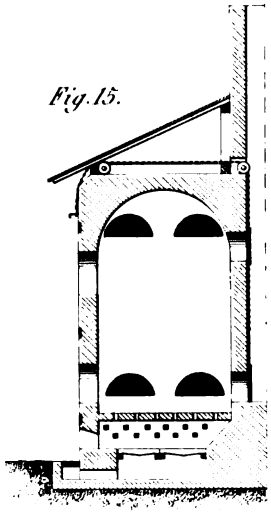

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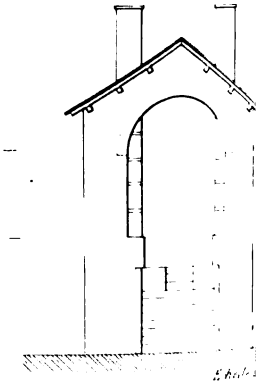

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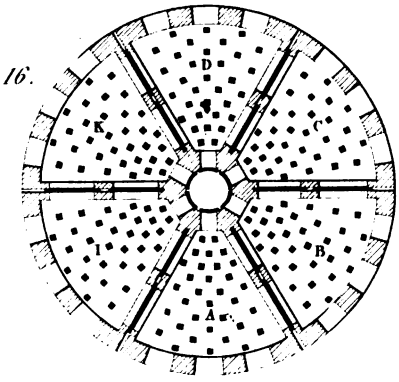

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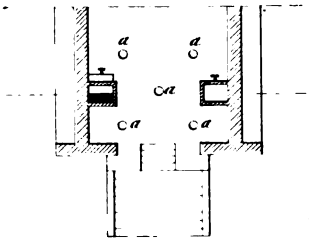

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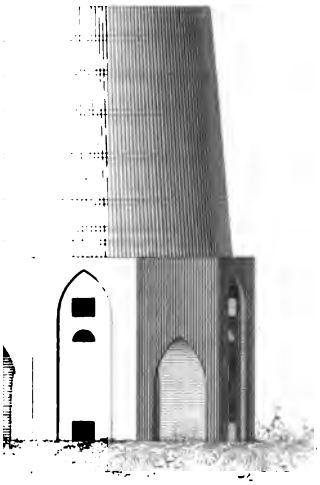

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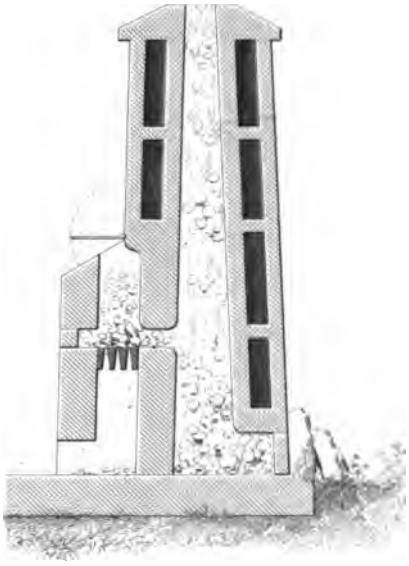

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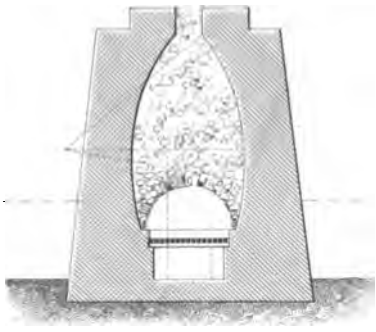

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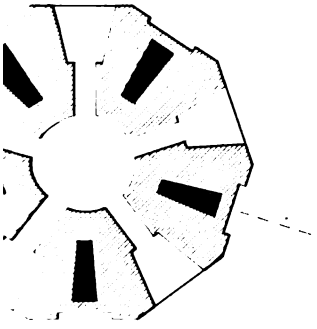

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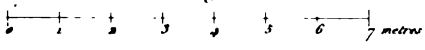

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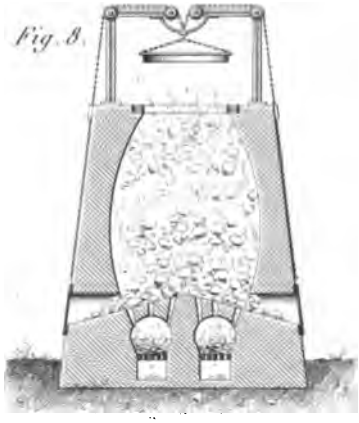

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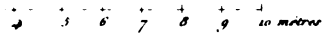

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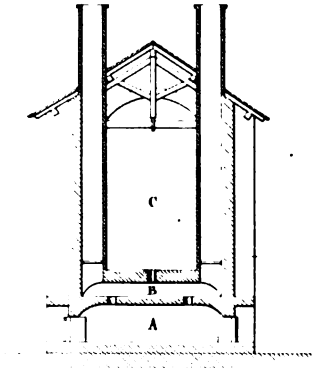

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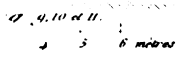

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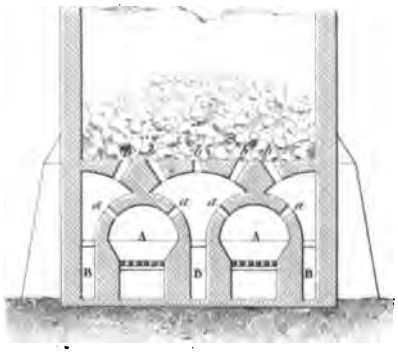

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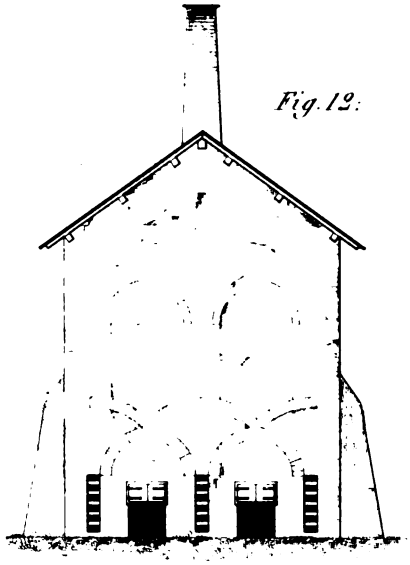

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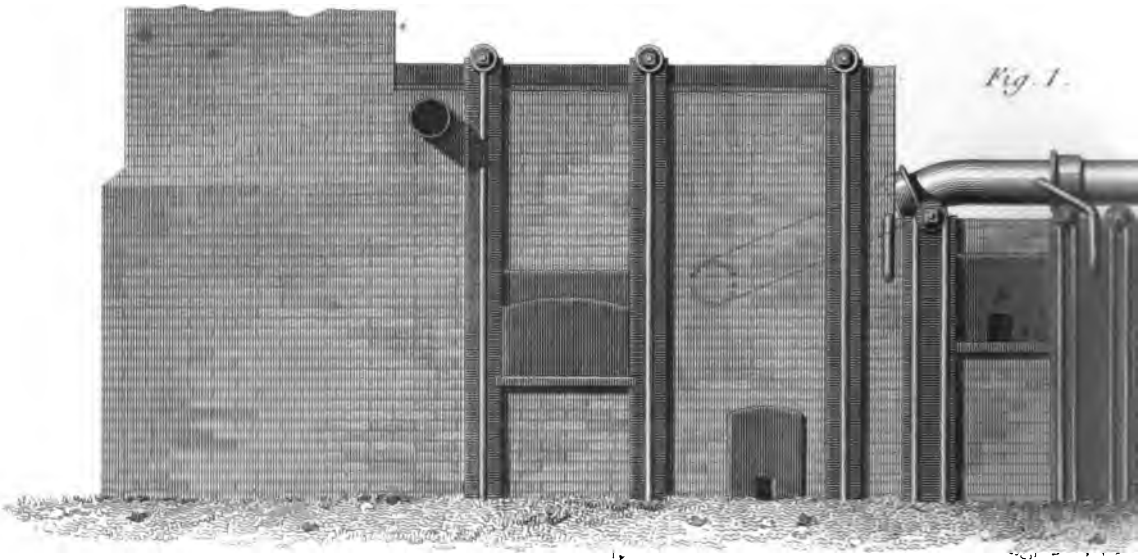

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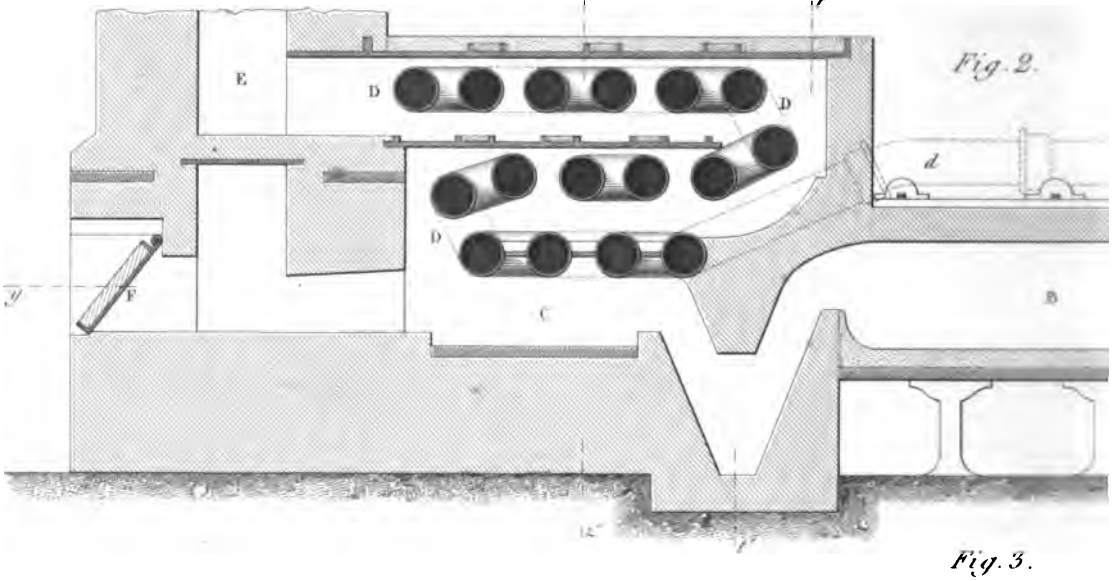

Fig. 2.

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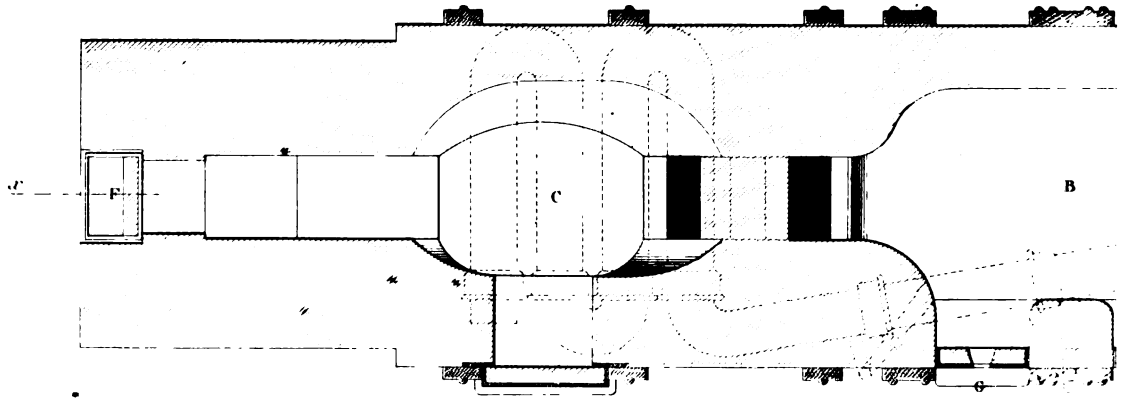

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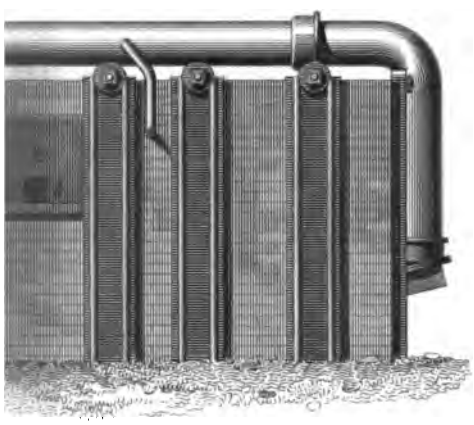

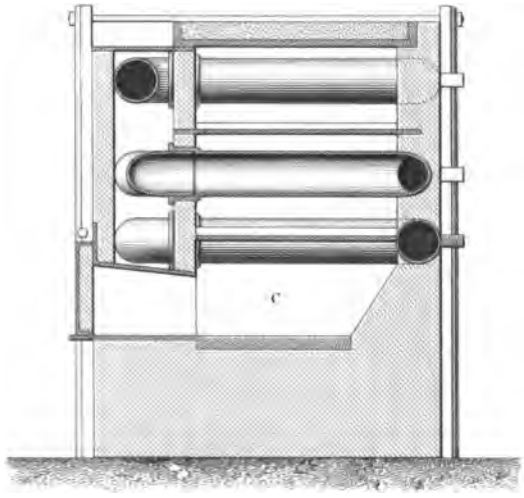

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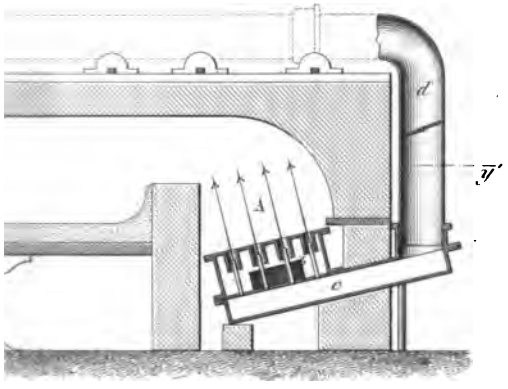

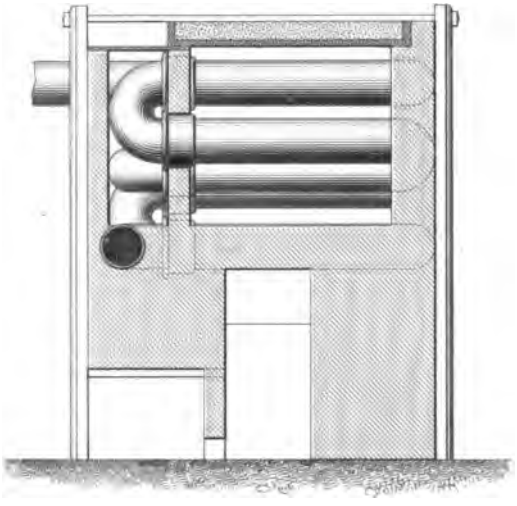

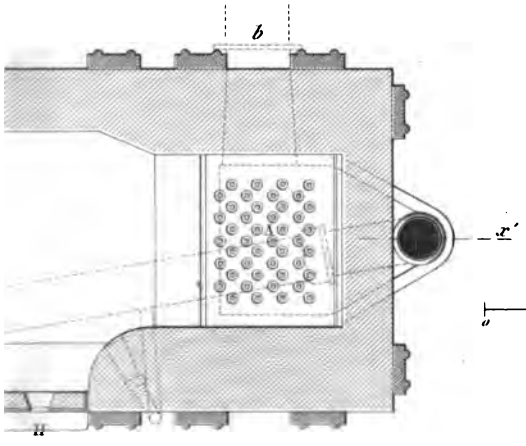

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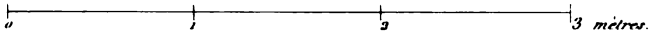


Gravé par J. Petitcolas.

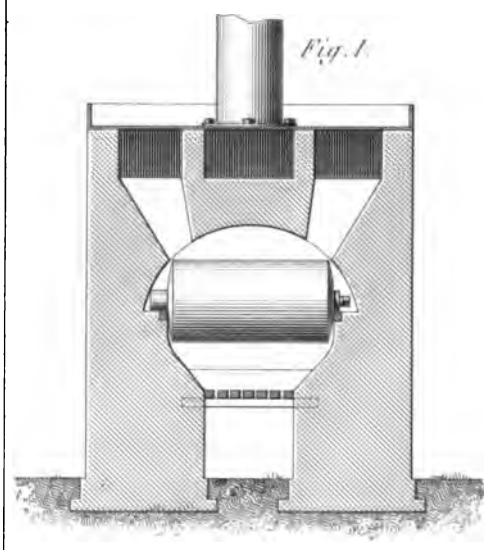


Fig. 1.

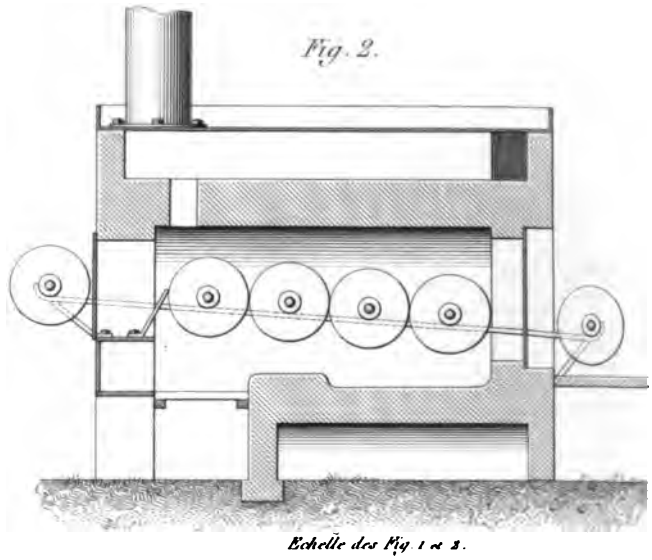
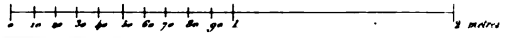


Fig. 2.

Échelle des Fig. 1 et 2.



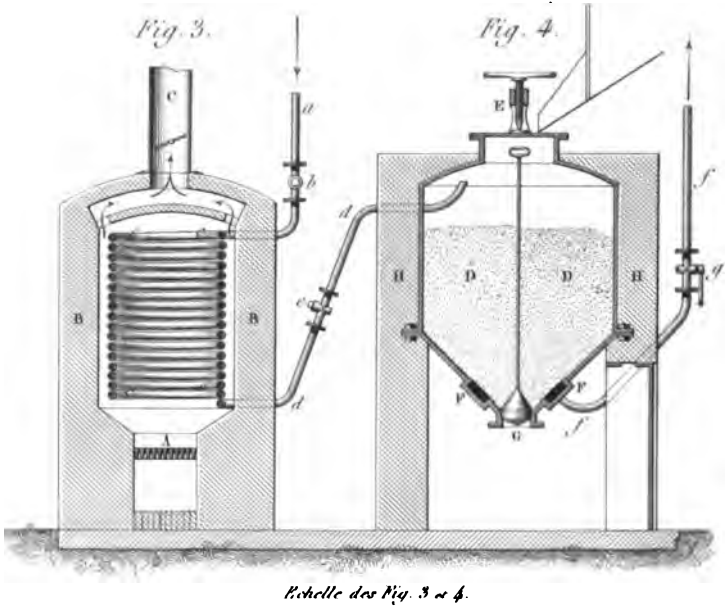


Fig. 3.

Fig. 4.

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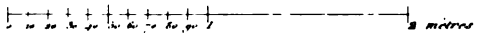

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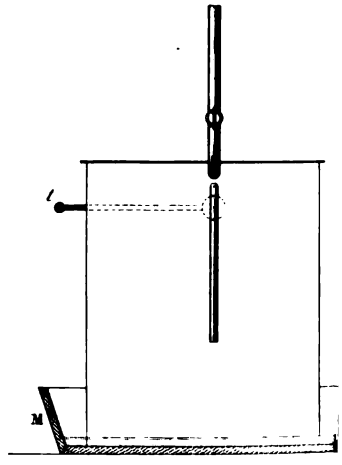


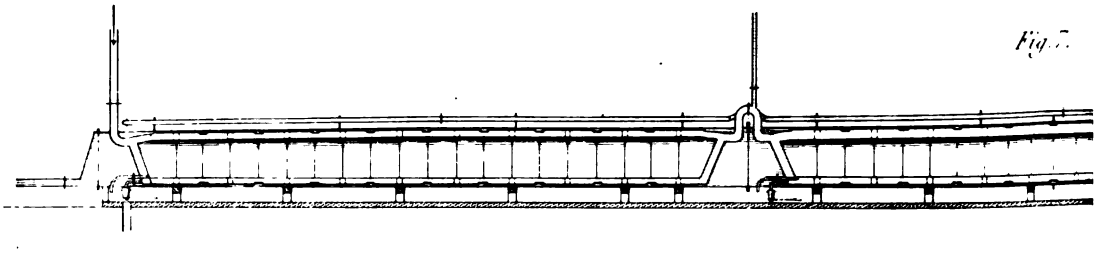
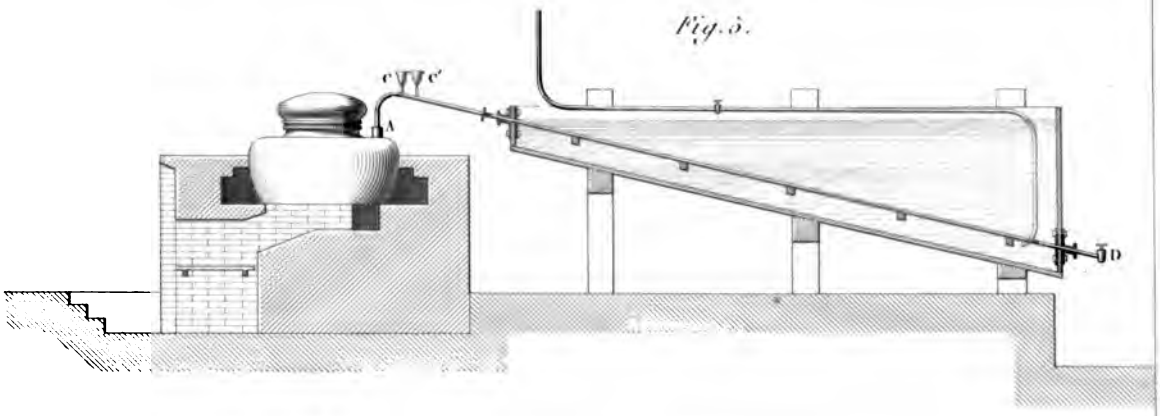


Fig. 7.

Fig. 5.



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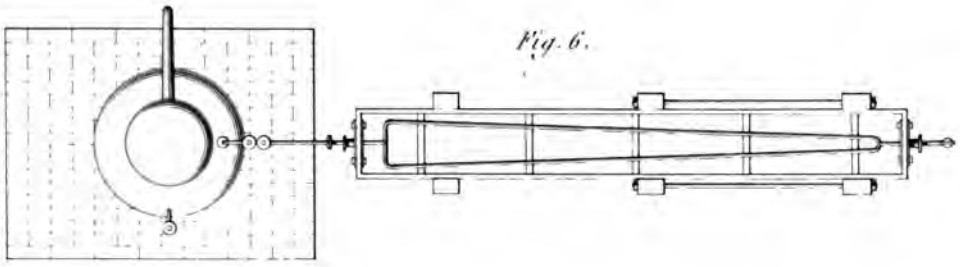

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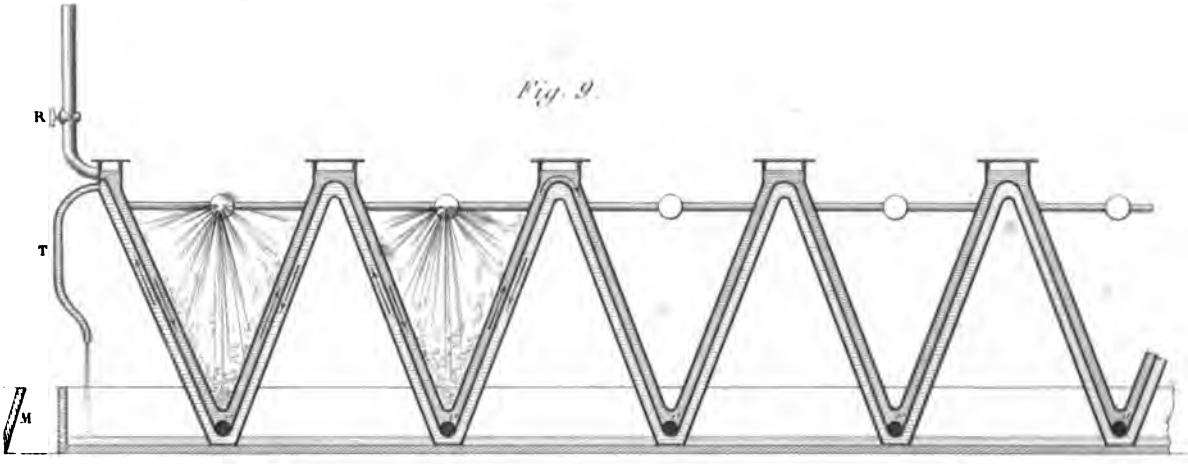


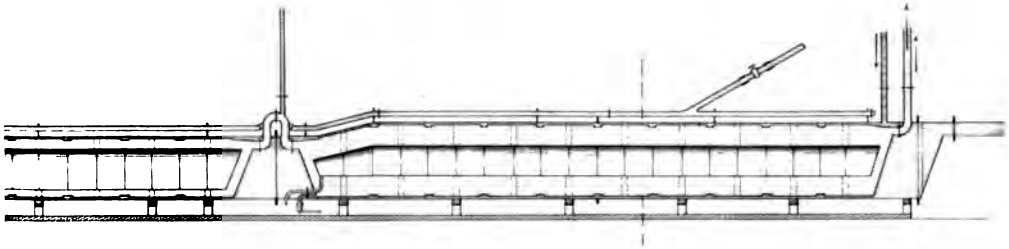
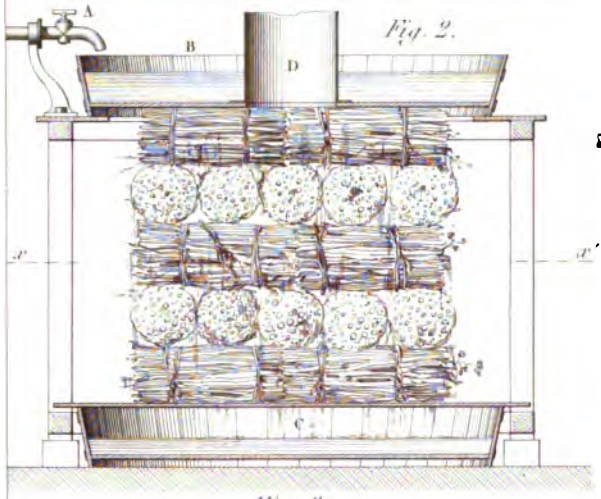


Fig. 8.

Gravé par J. Pétitcolin



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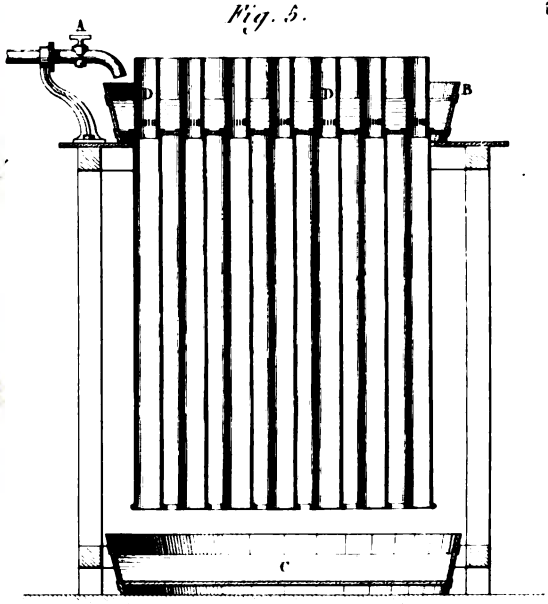

Fig. 5.

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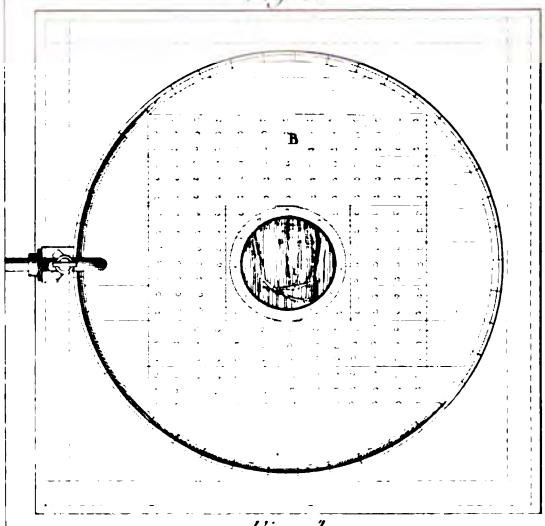

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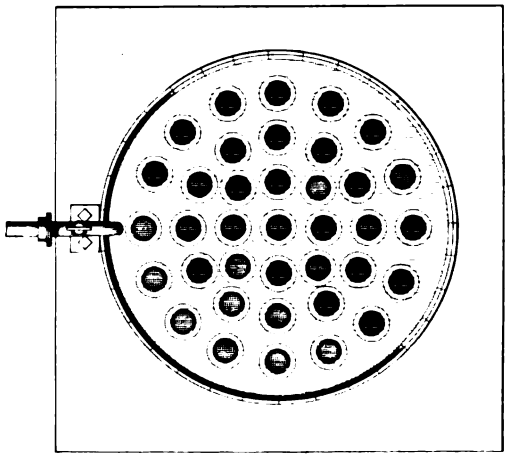

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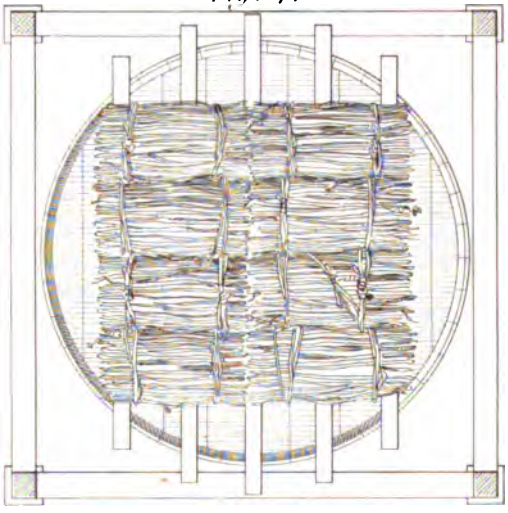

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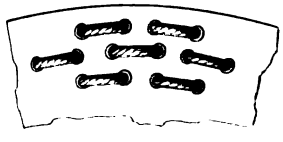

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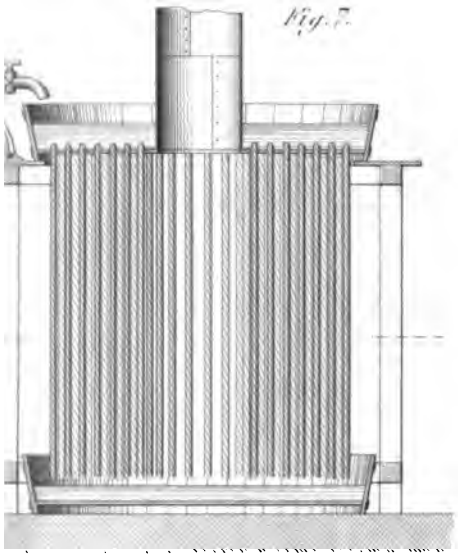

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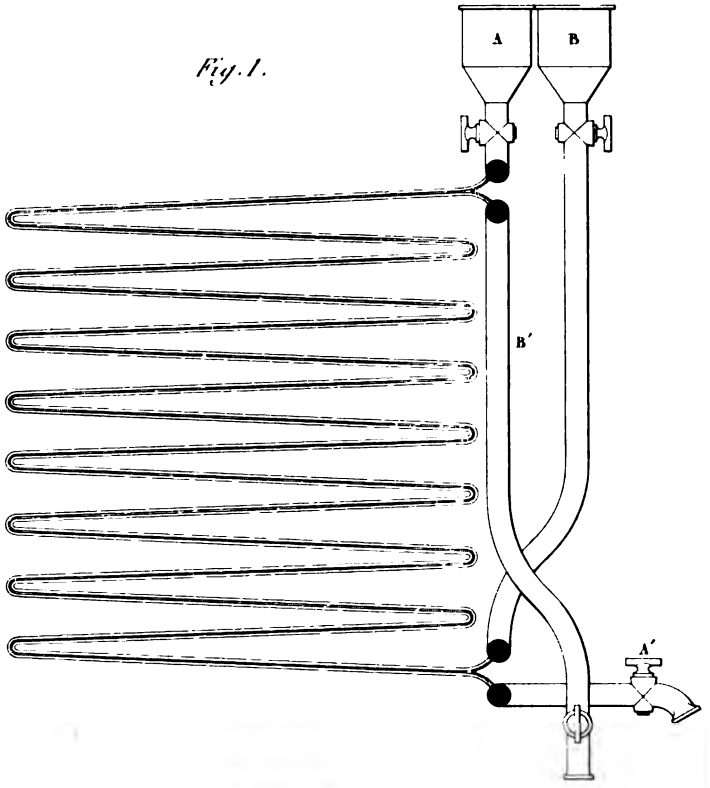

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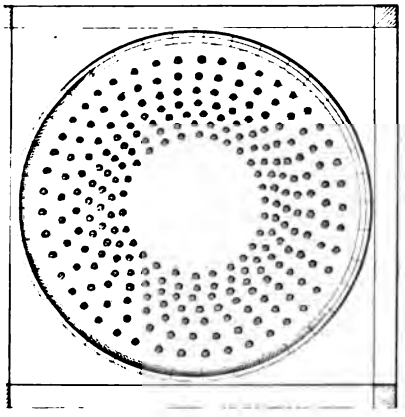

Fig. 11.

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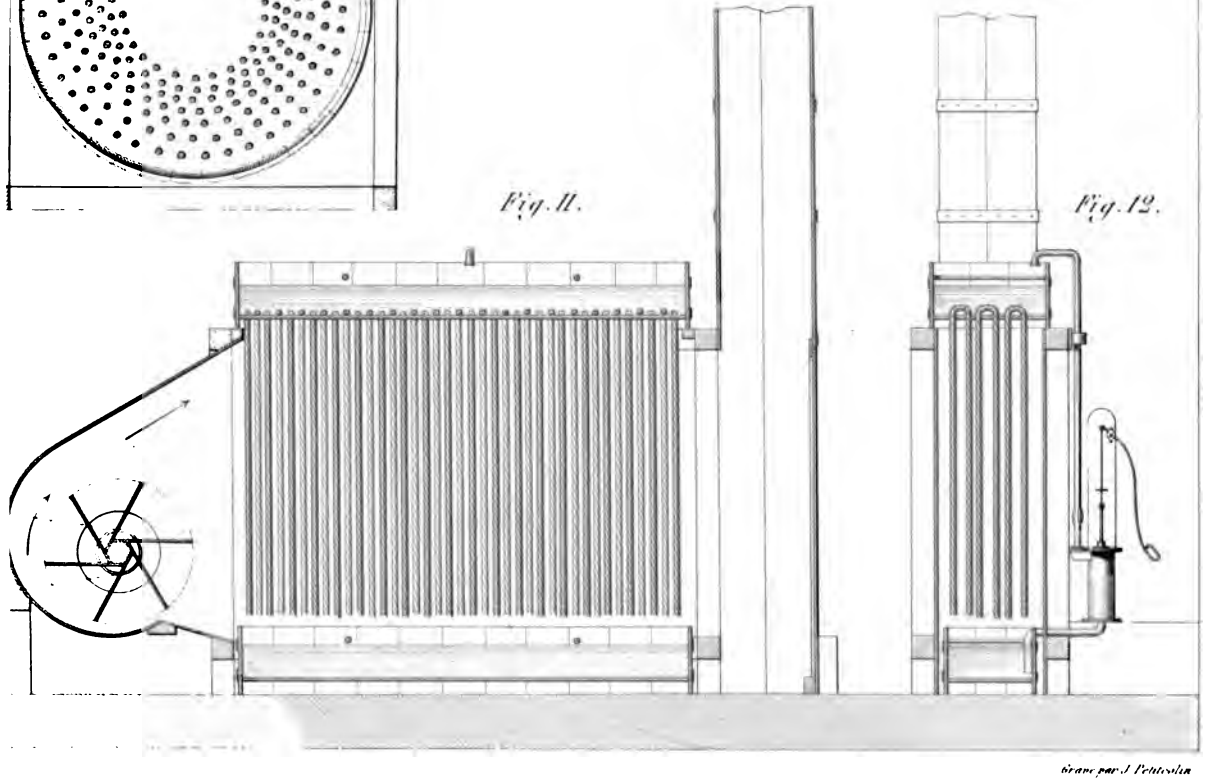
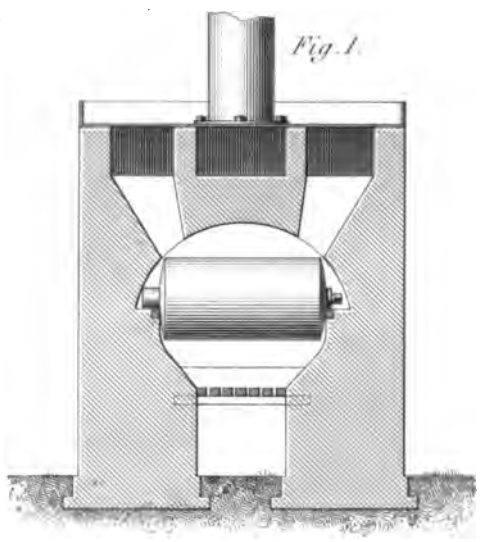


Gravé par J. Pelletier



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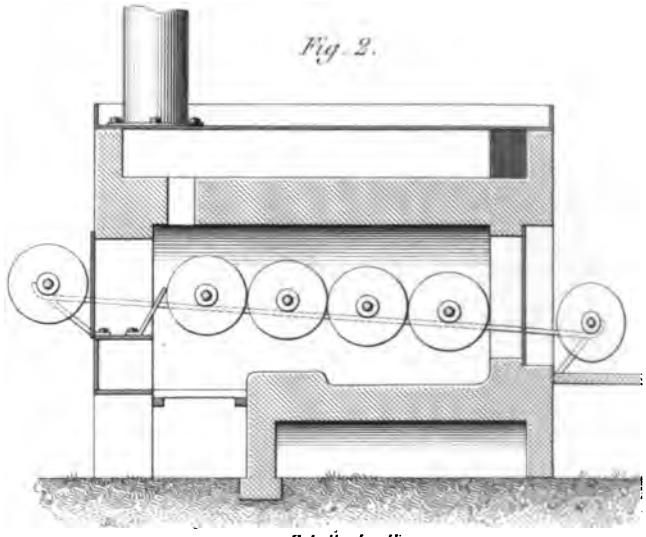

Fig. 2.

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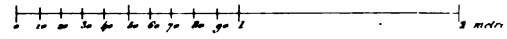


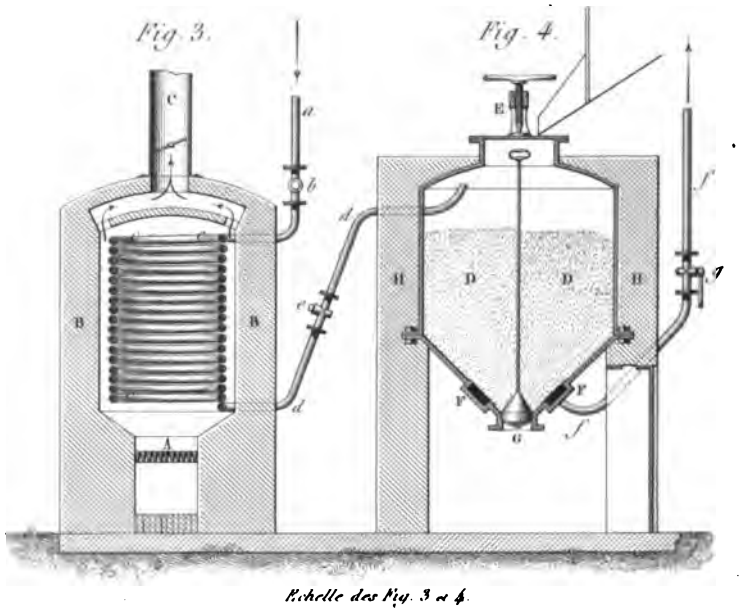
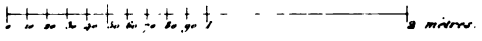


Fig. 3.

Fig. 4.

Echelle des Fig. 3 et 4.



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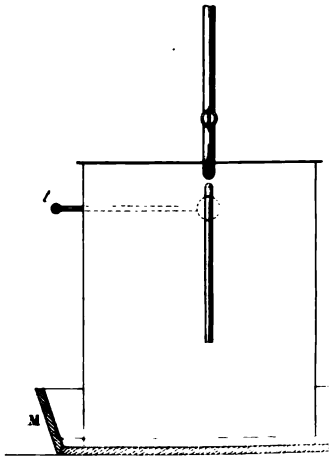

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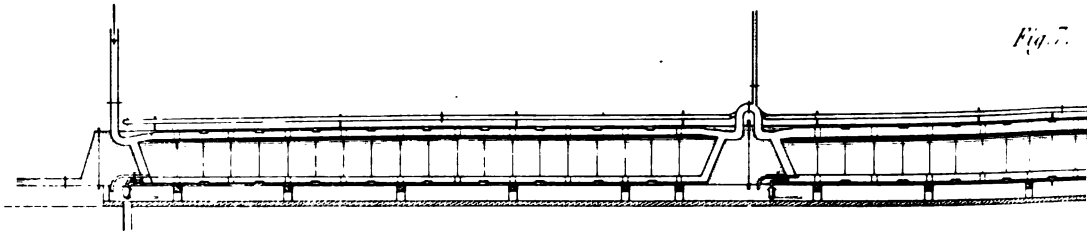

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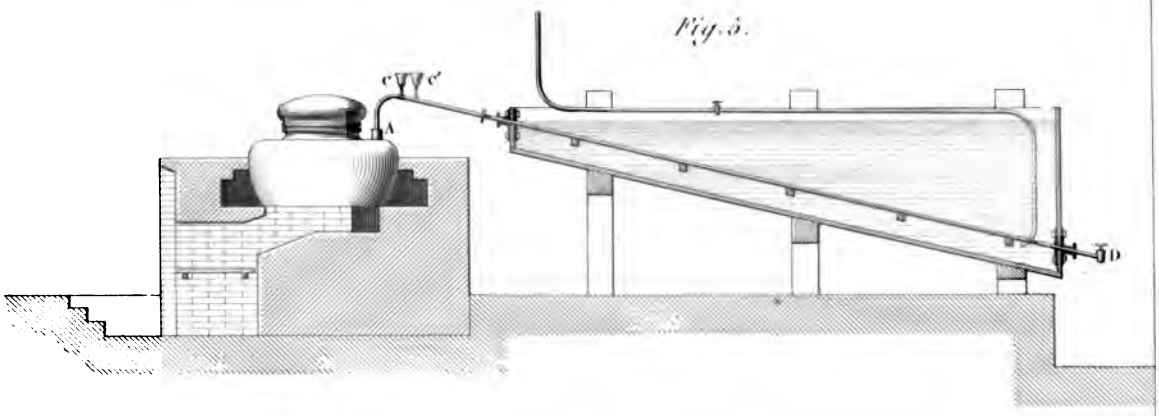

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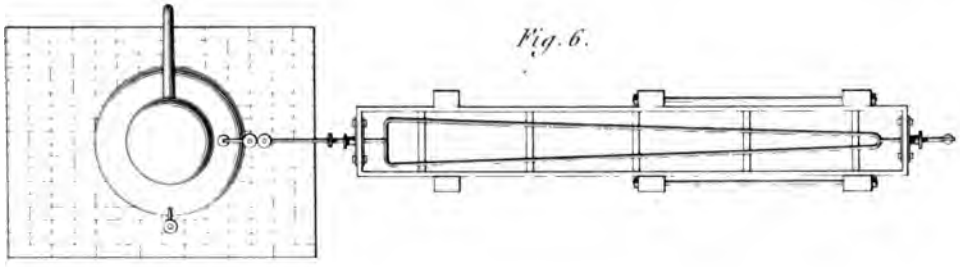

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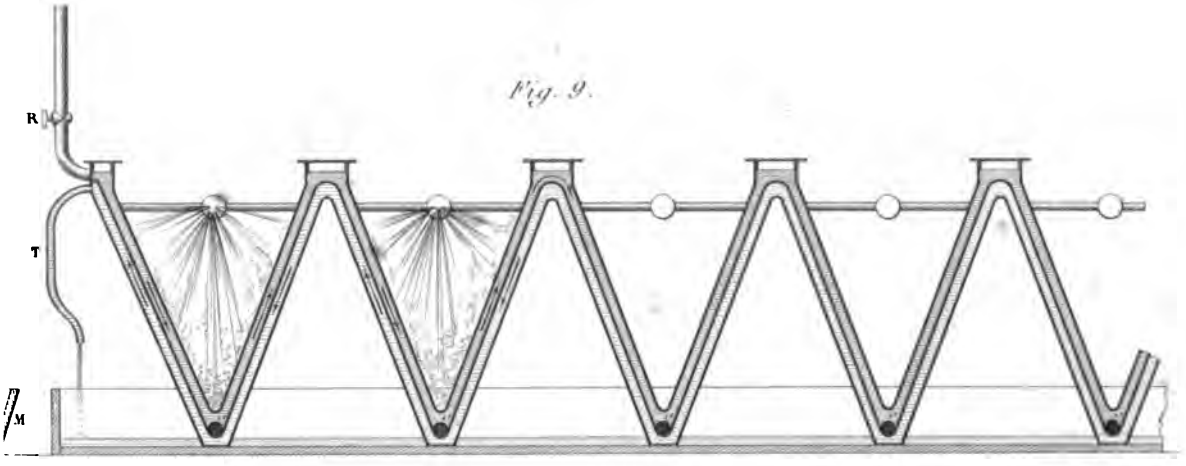

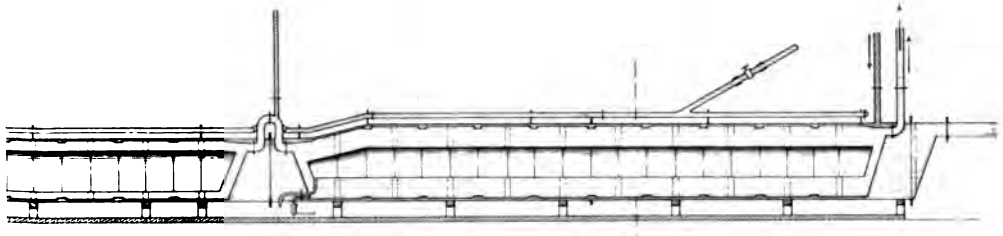

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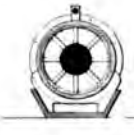

Gravé par J. Petitcolin

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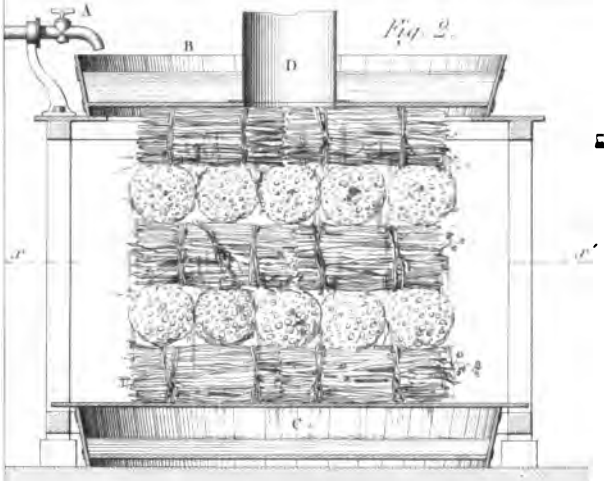

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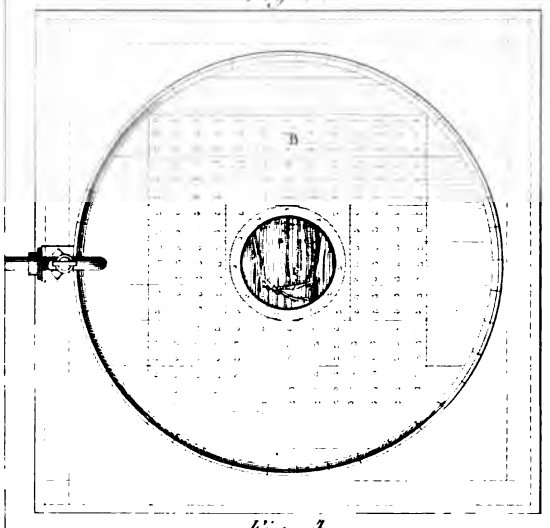

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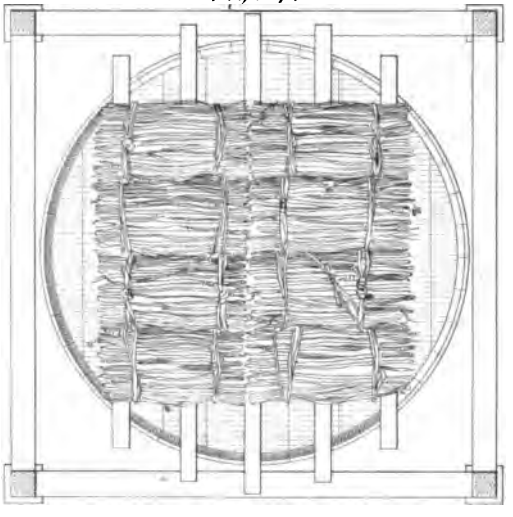

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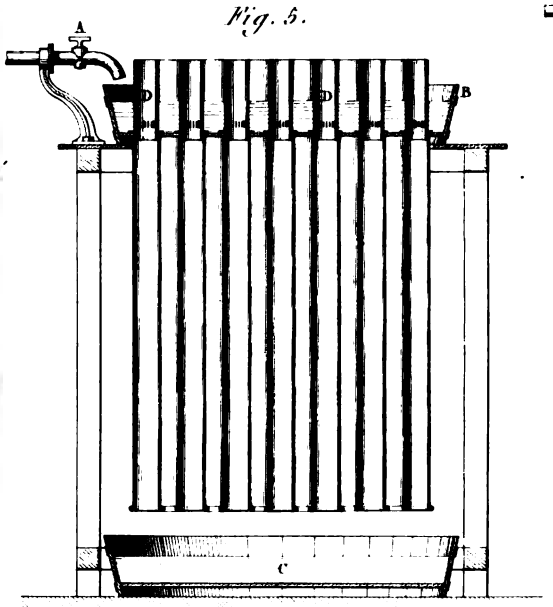

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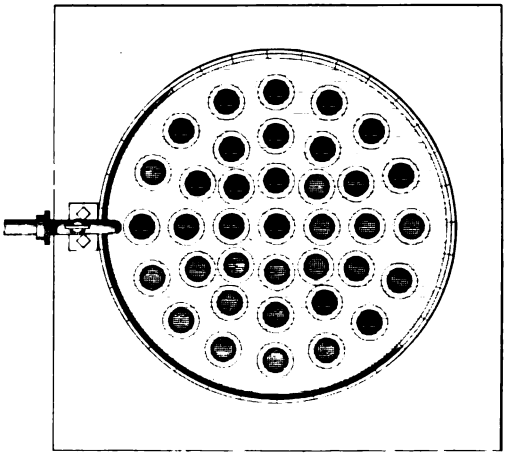

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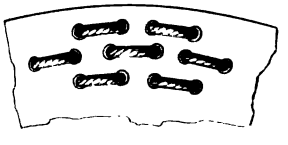

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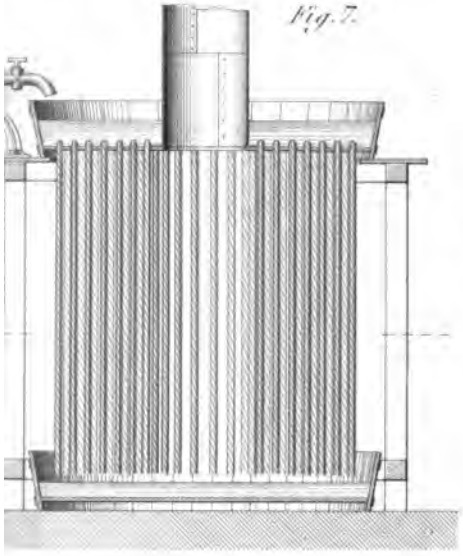

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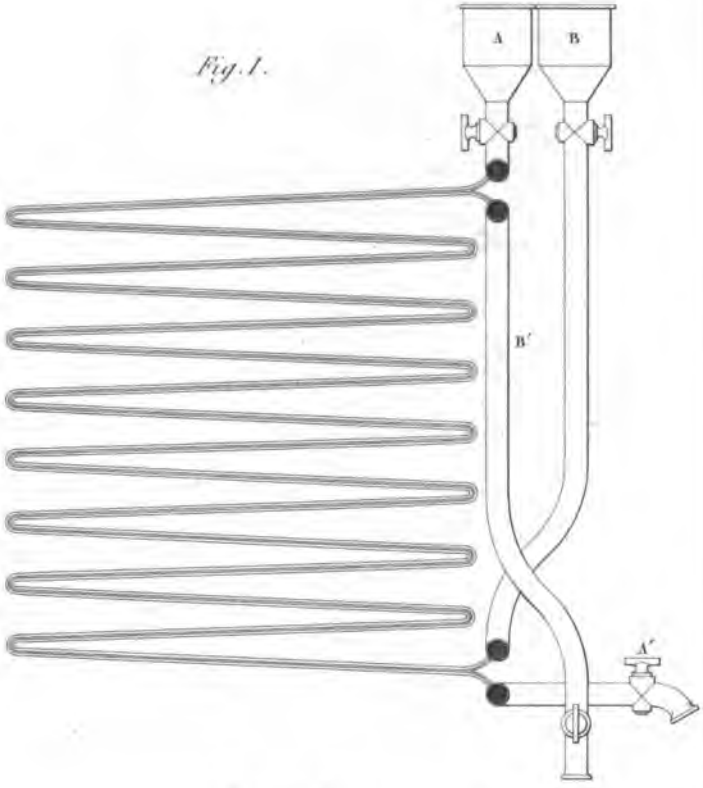

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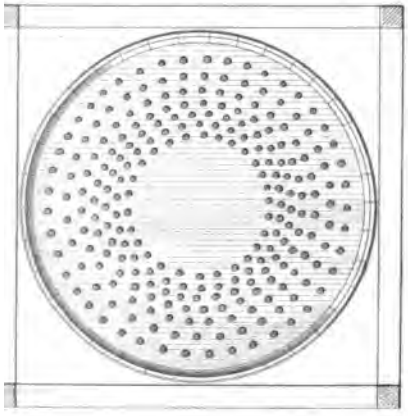

Fig. 11.

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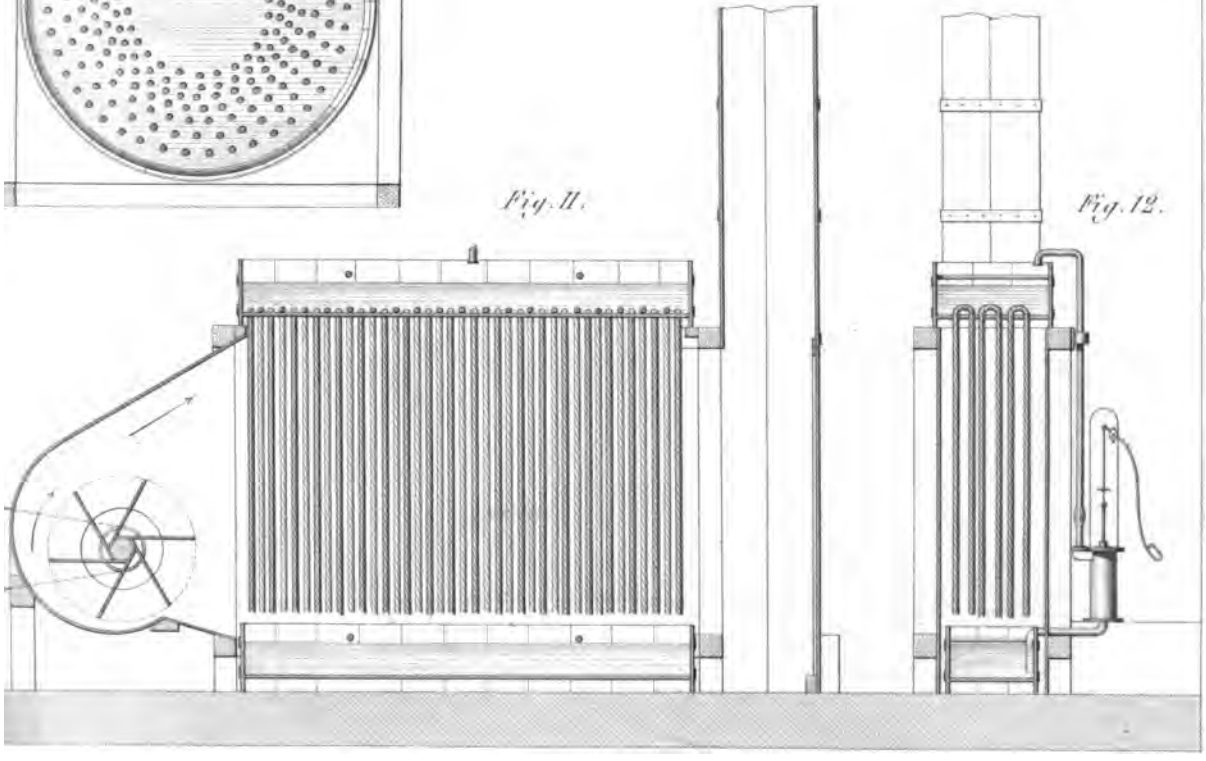


Gravé par J. Petitcolas

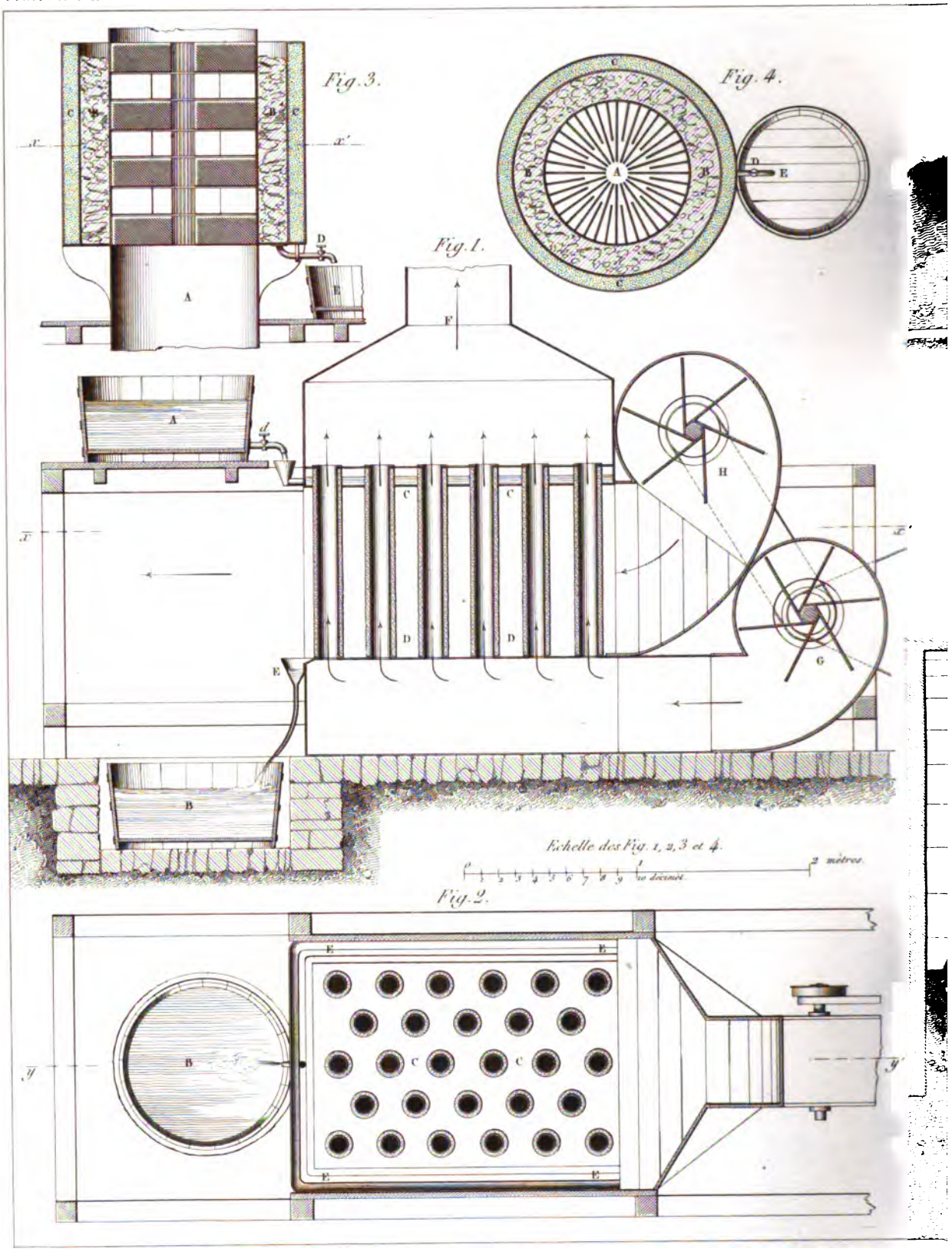
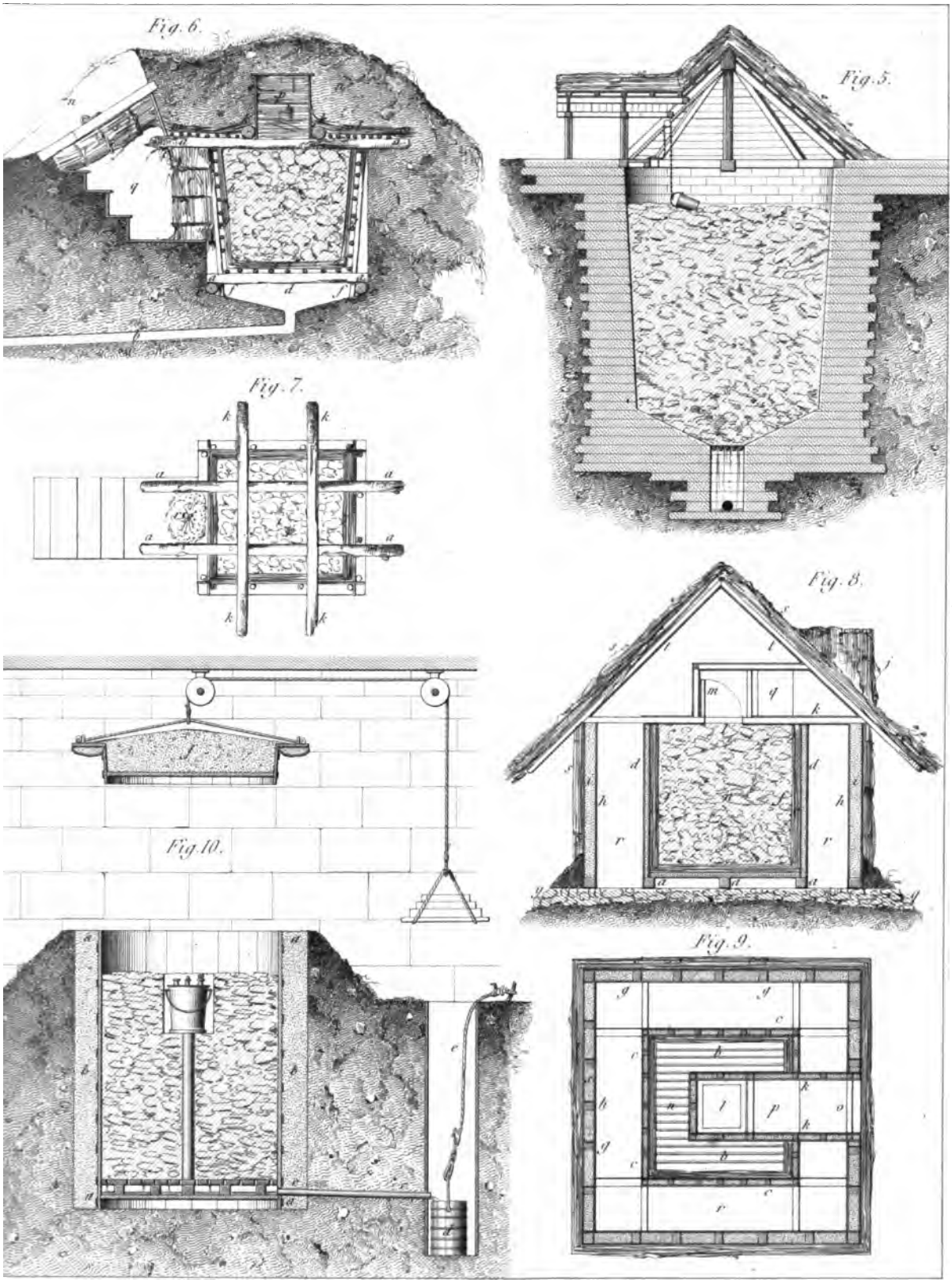


Fig. 3.
Fig. 4.
Fig. 1.
Fig. 2.
Echelle des Fig. 1, 2, 3 et 4.
2 mètres.
1/10 décimèt.



Gravé par E. Wormser.

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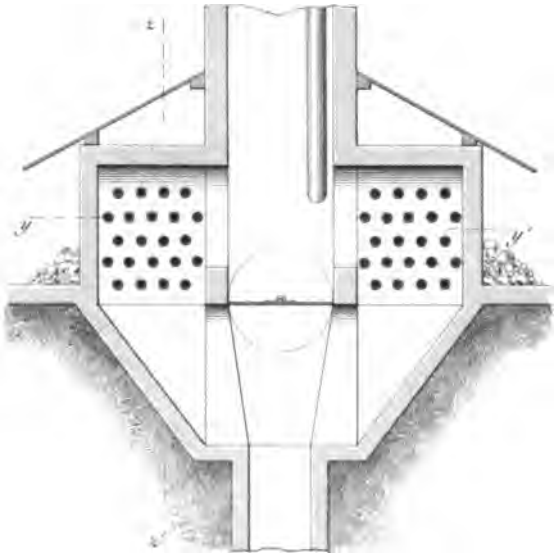
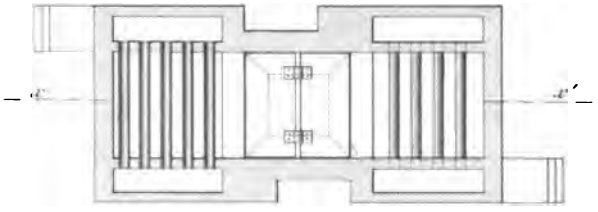


Fig. 11.



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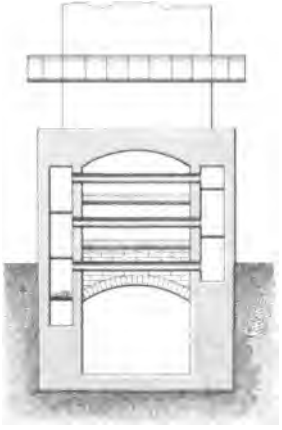
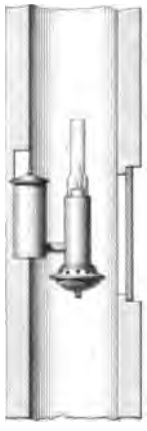


Fig. 1.



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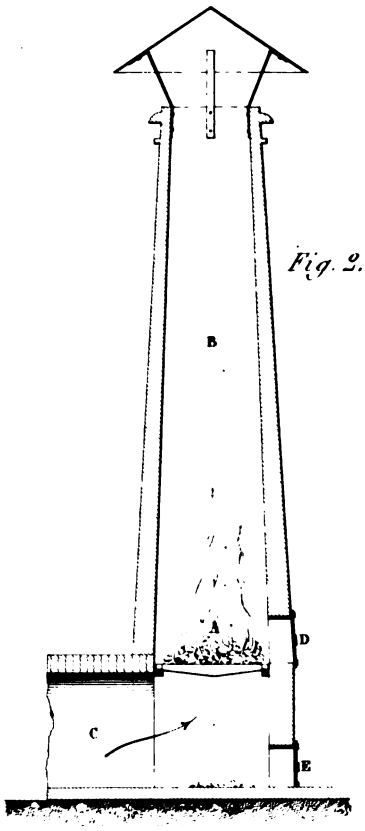

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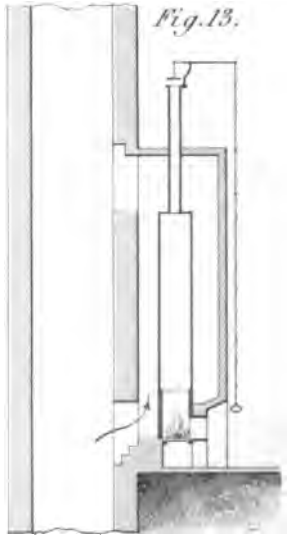

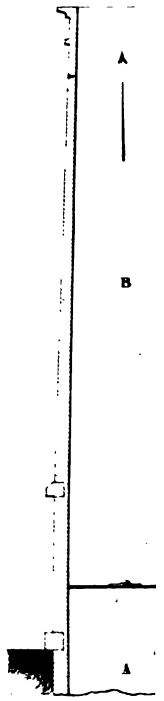

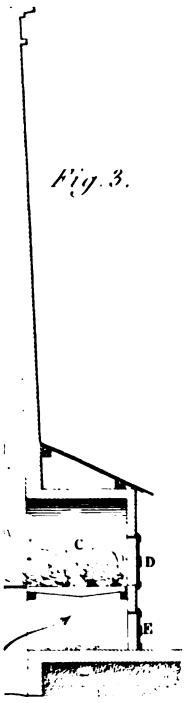

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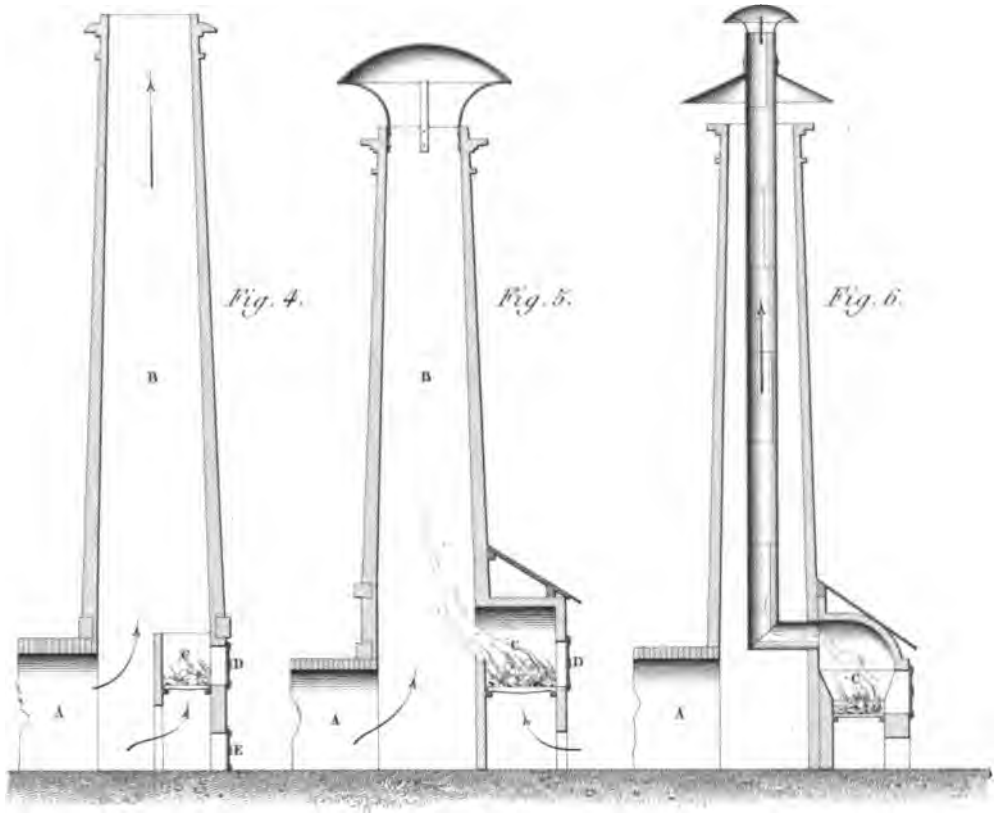

Fig. 4.

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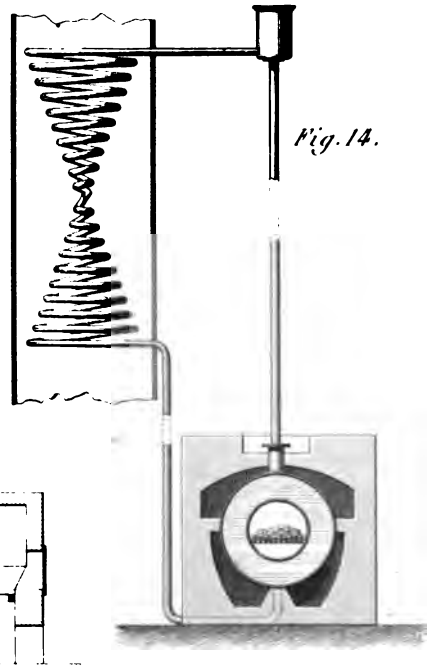

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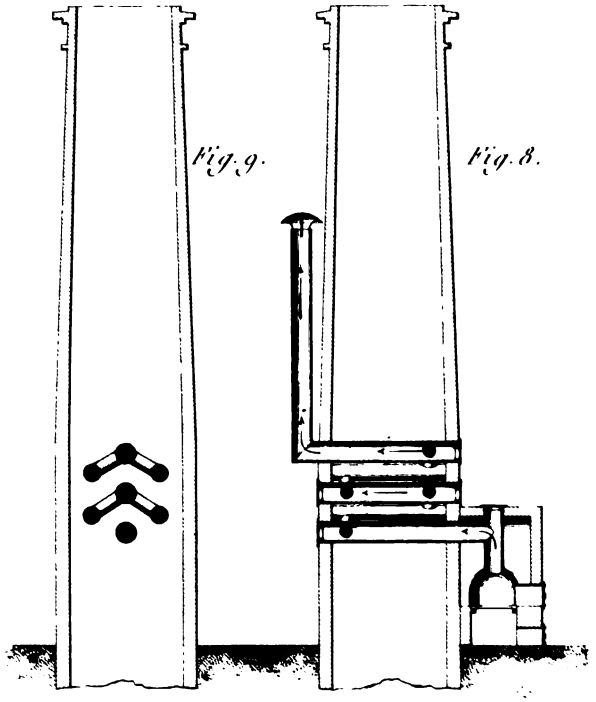
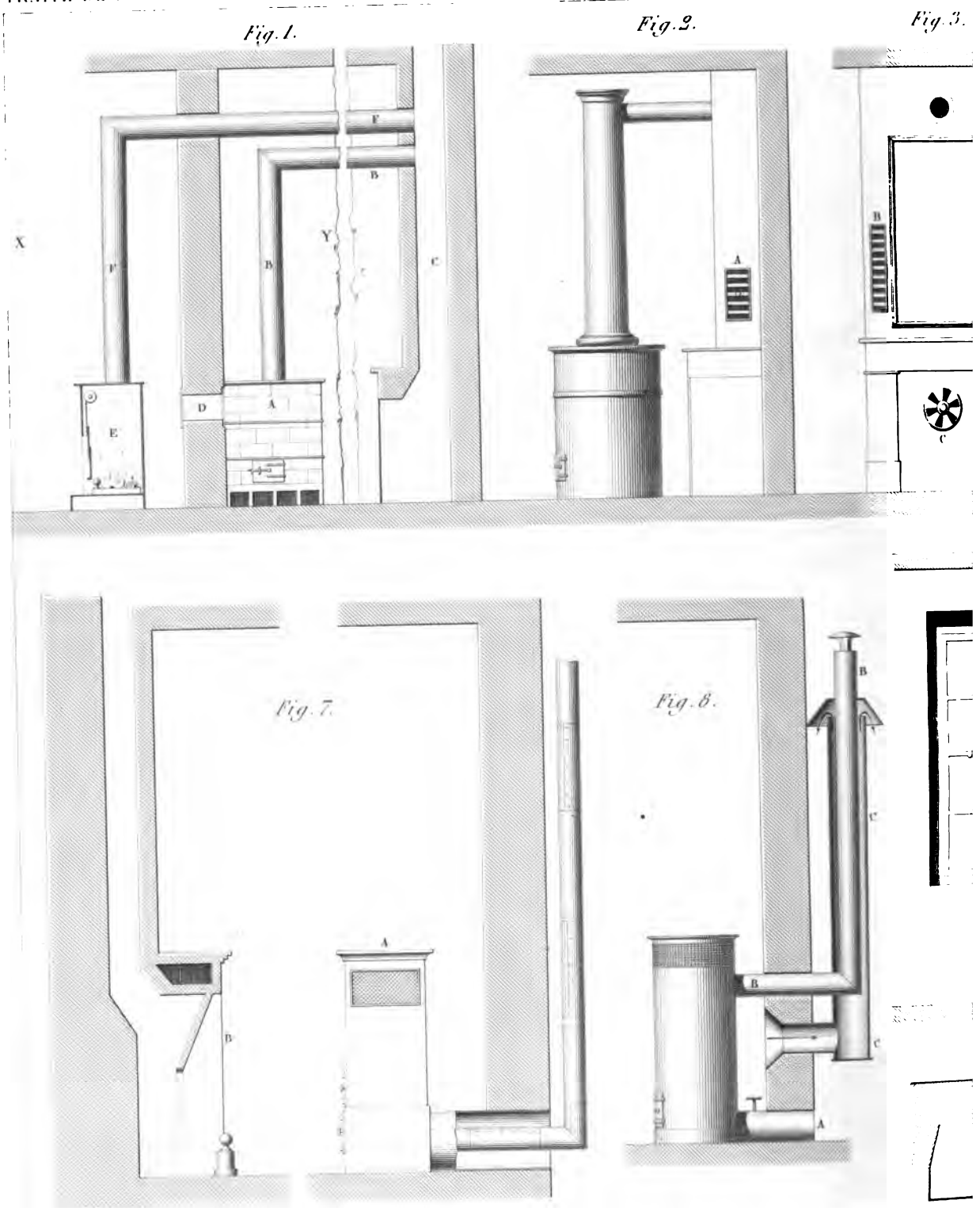


Fig. 9.

Fig. 8.

Gravé par J. Petitcolin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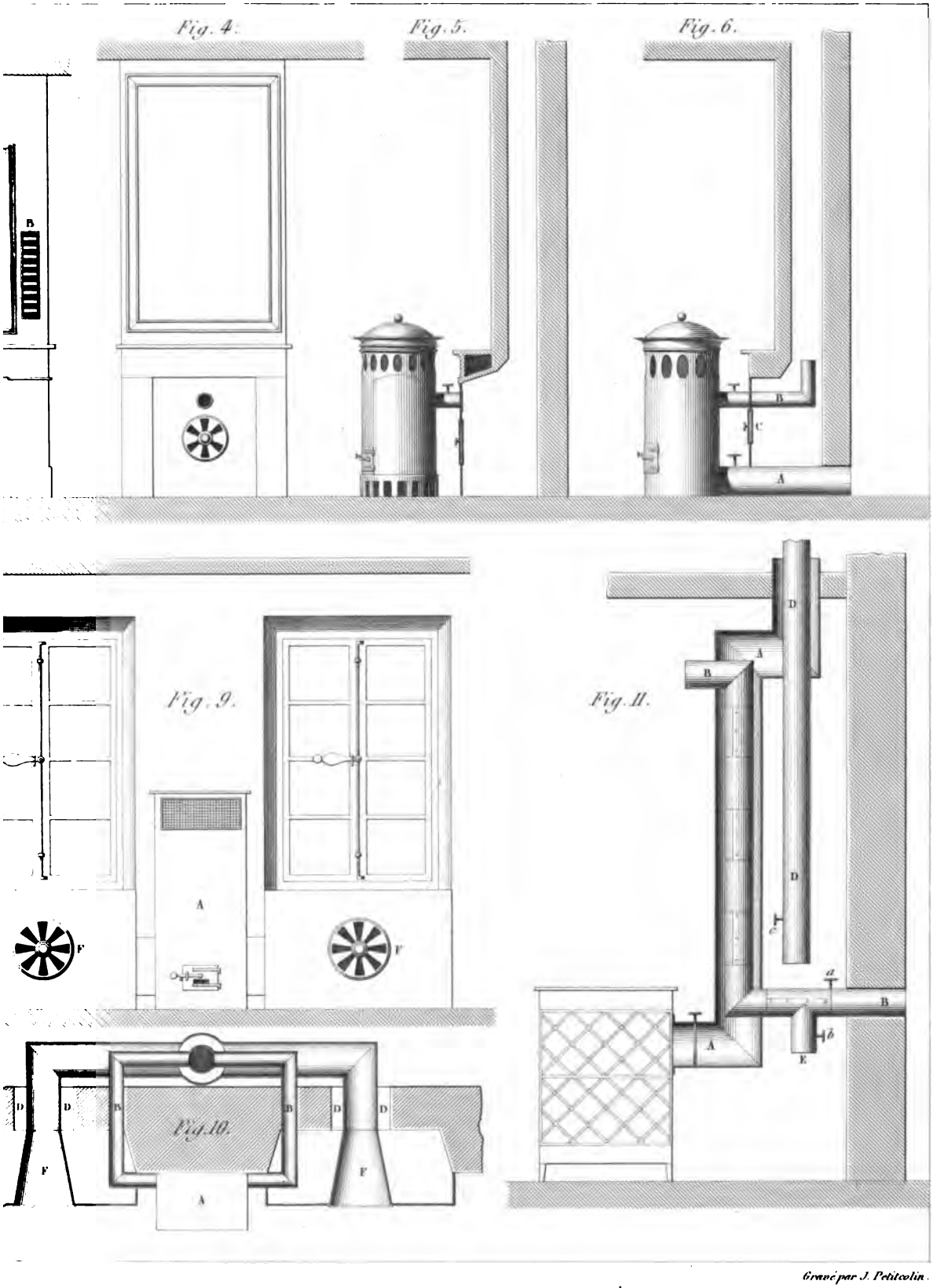

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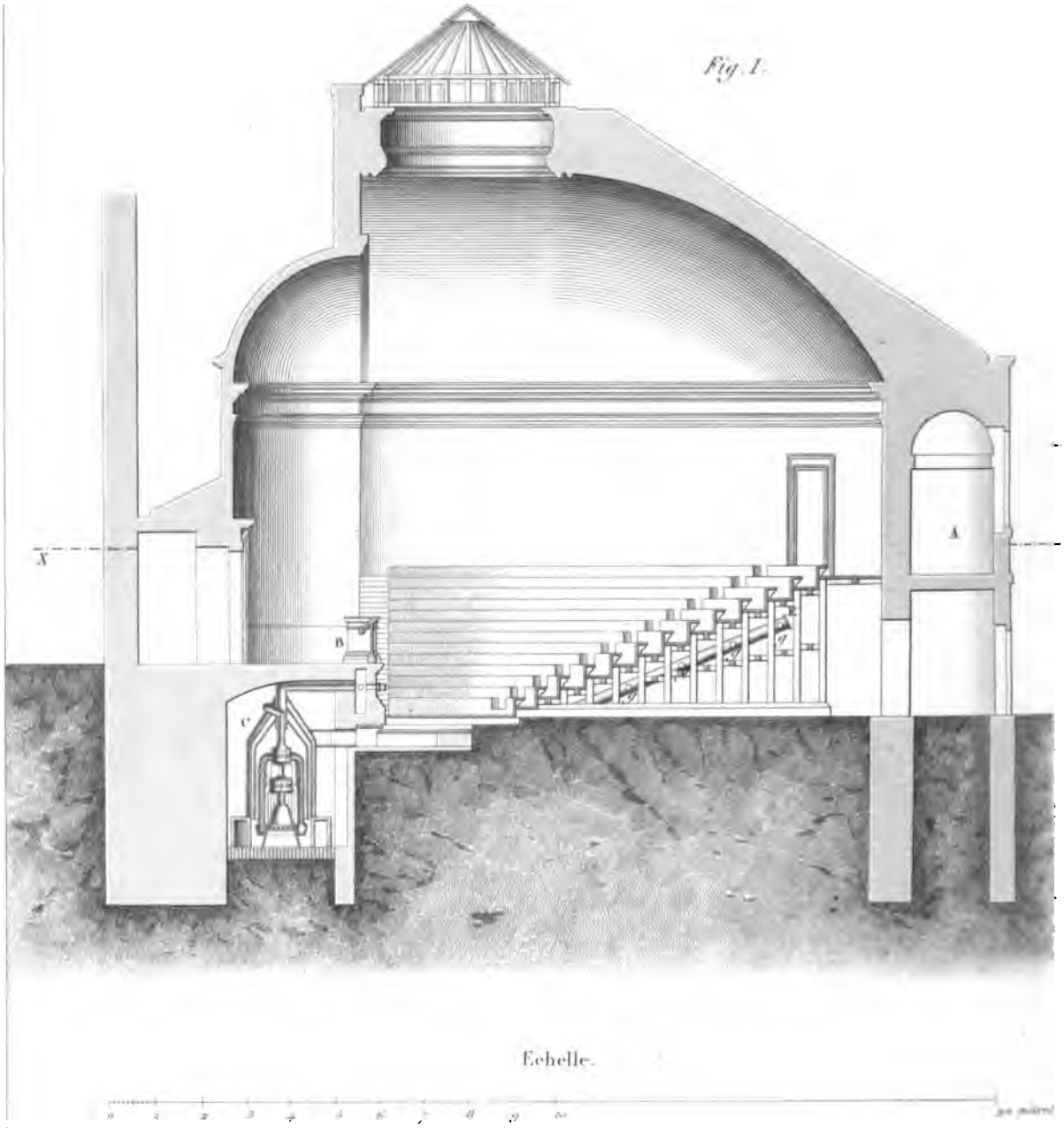

Librairie de L. Hachette.

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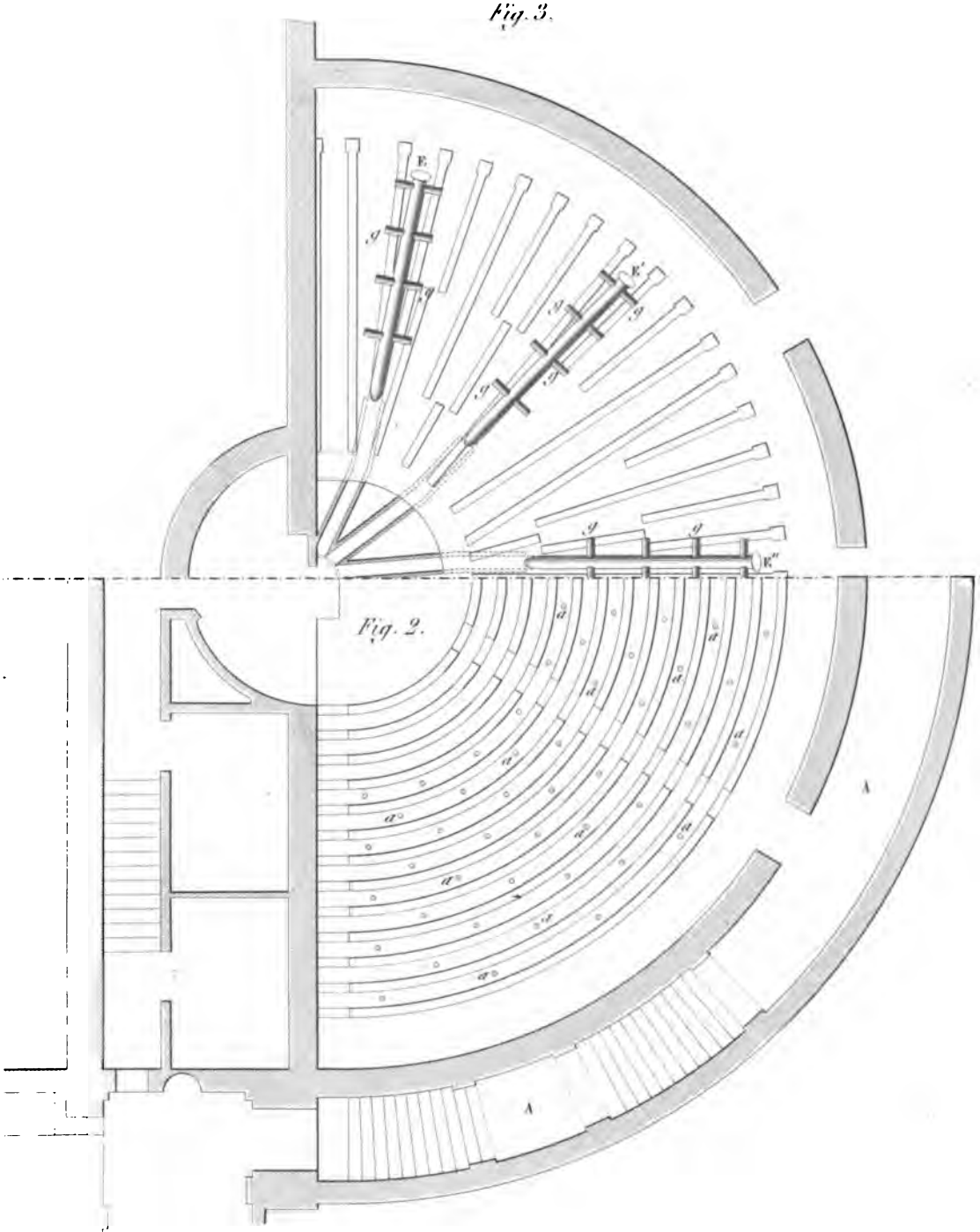

Fig. 2.

Gravé par Mercier

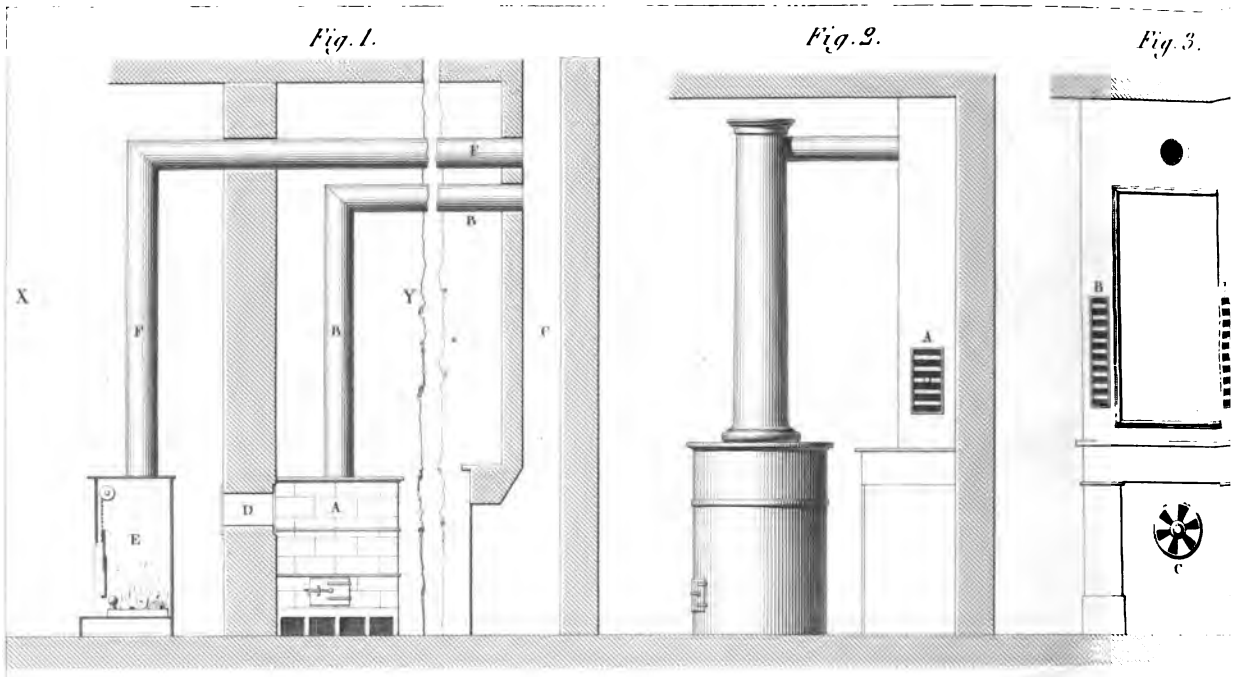
Fig. 1.
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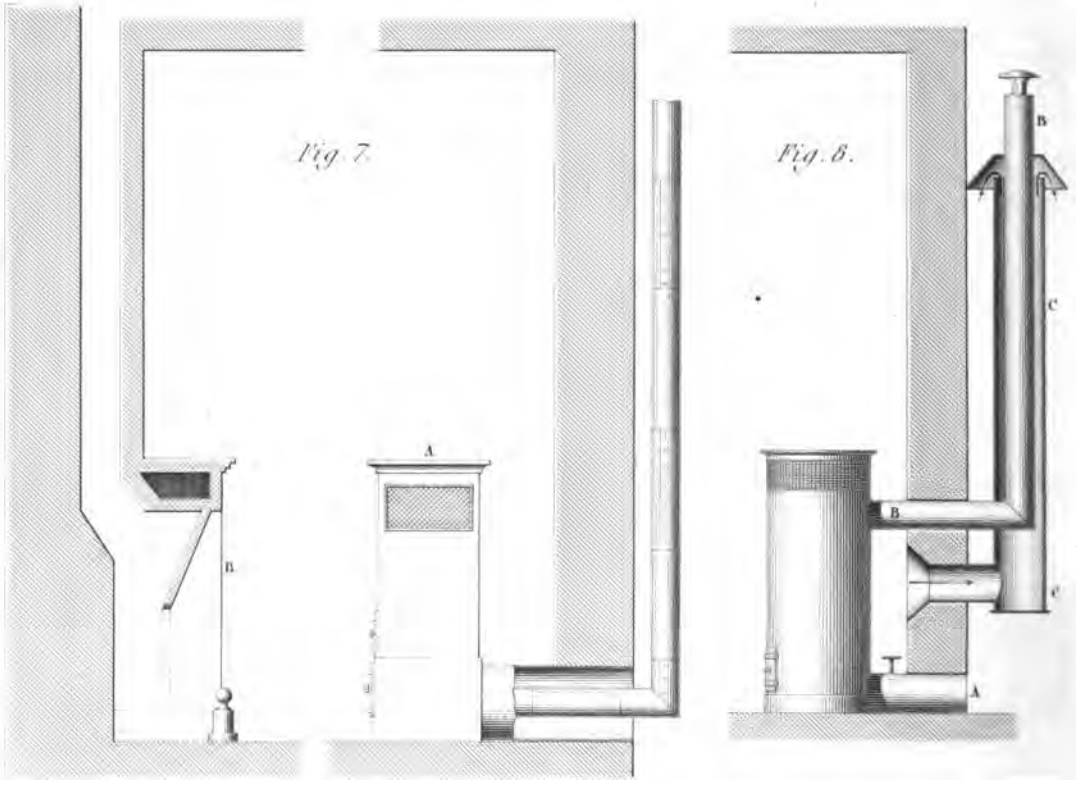
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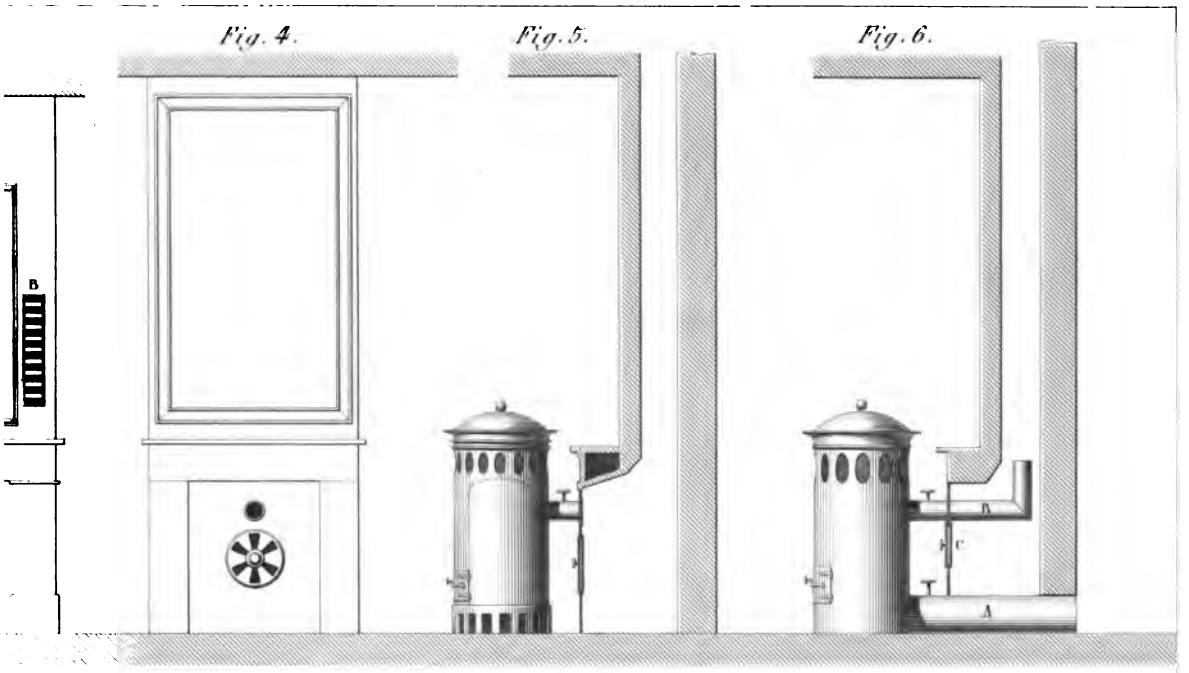

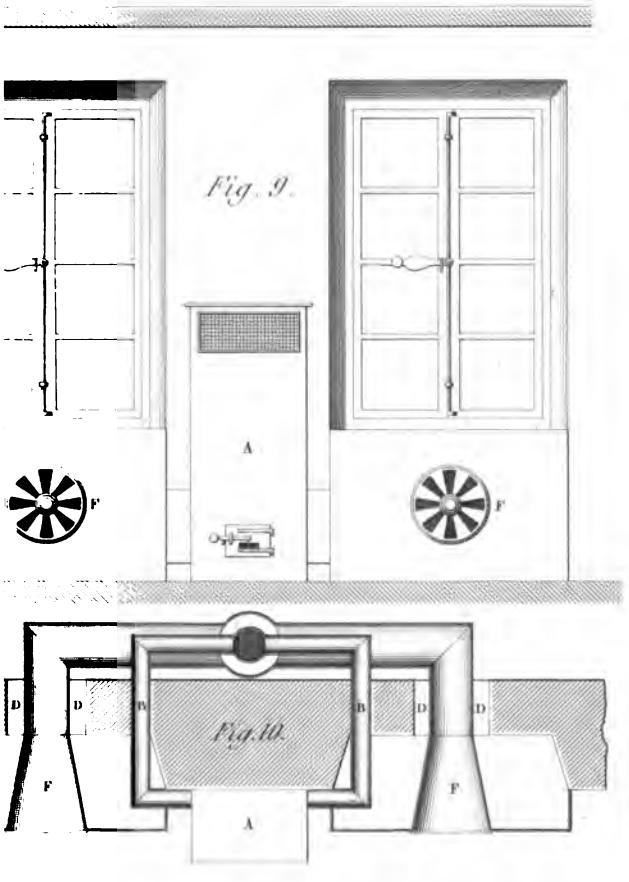

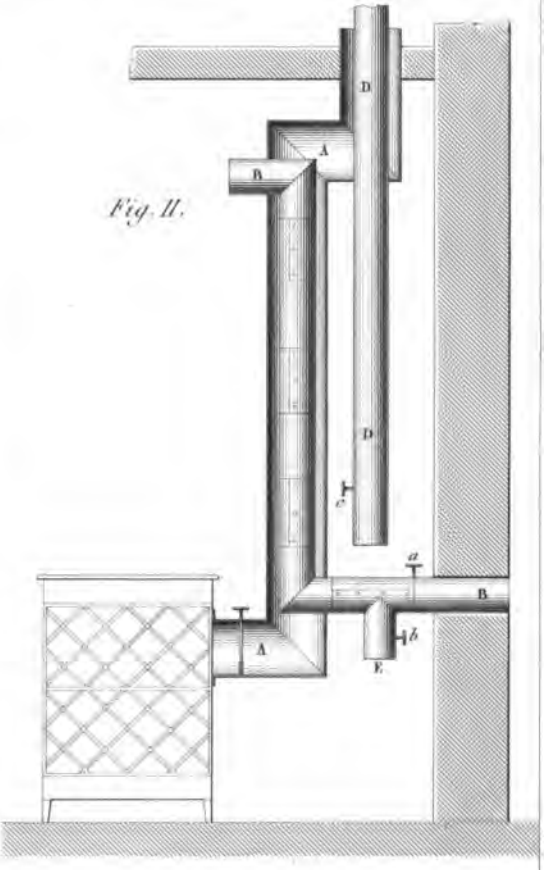

Gravé par J. Petitcolin.

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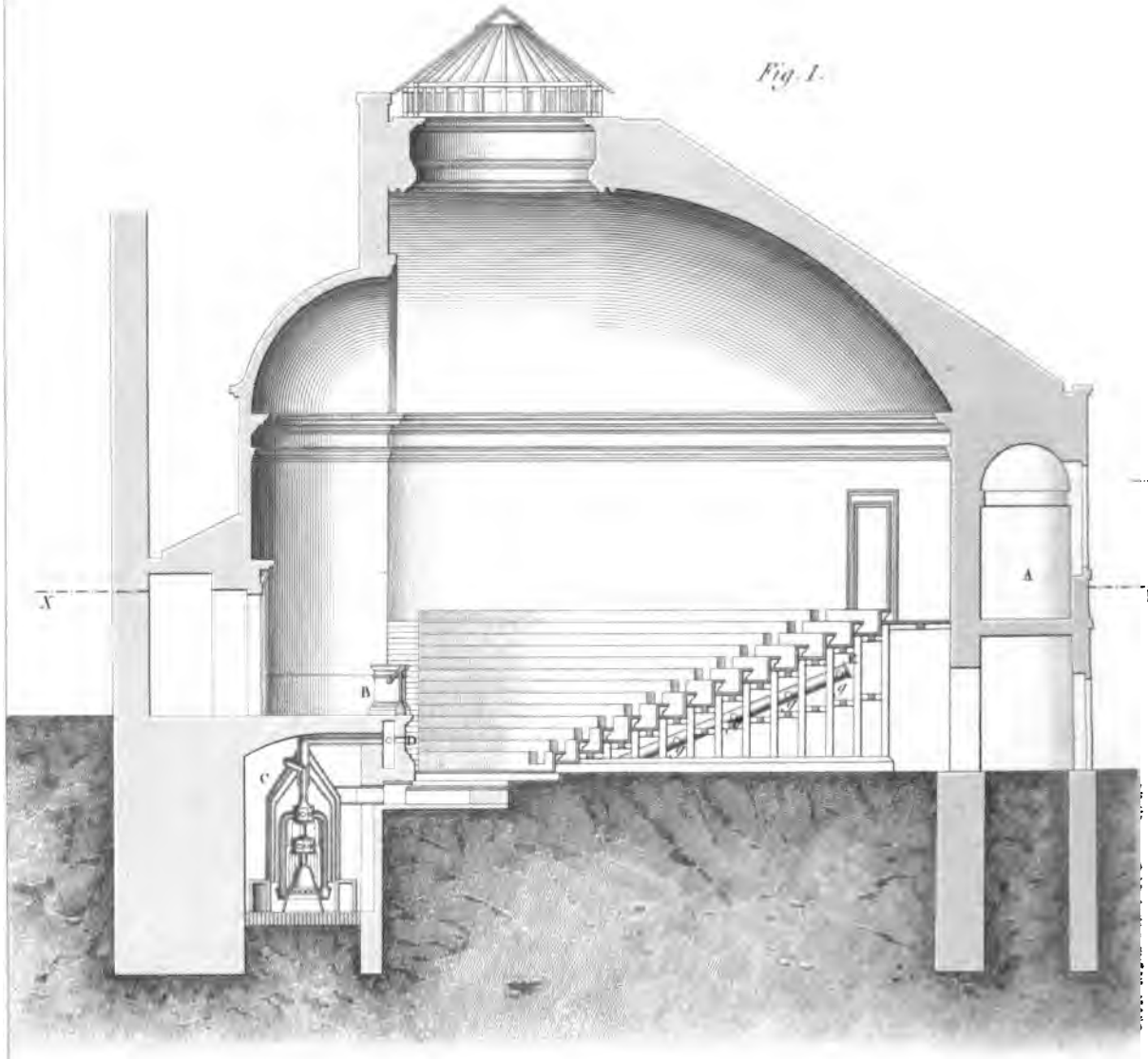

Echelle.

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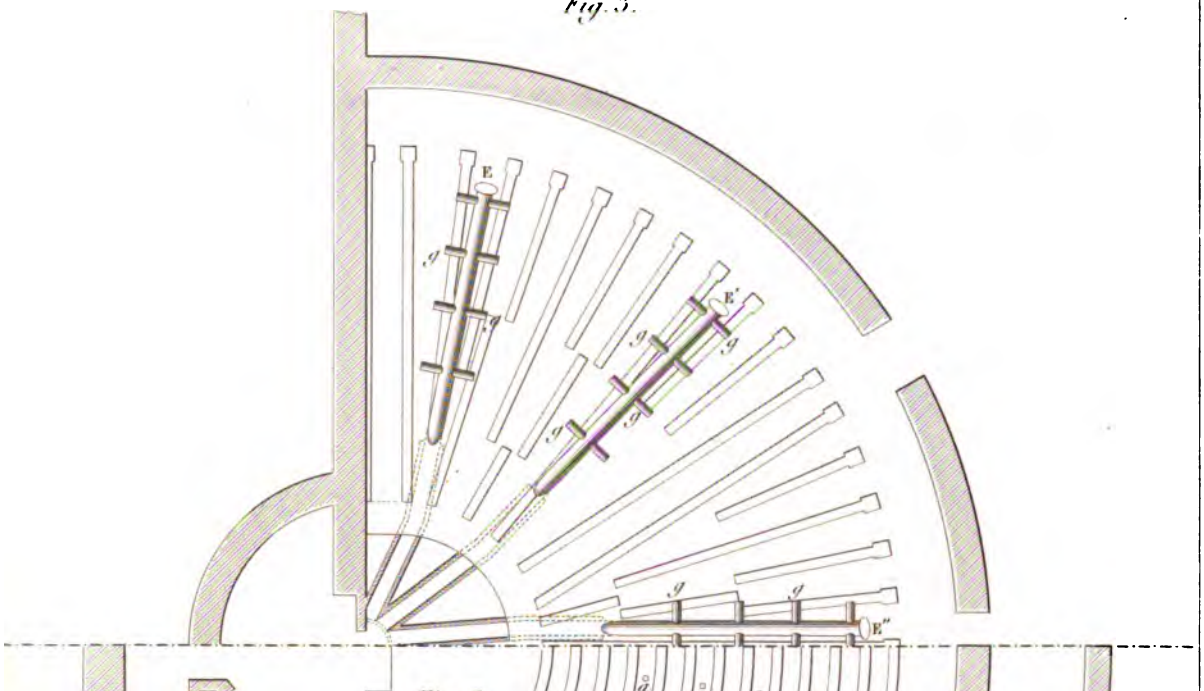

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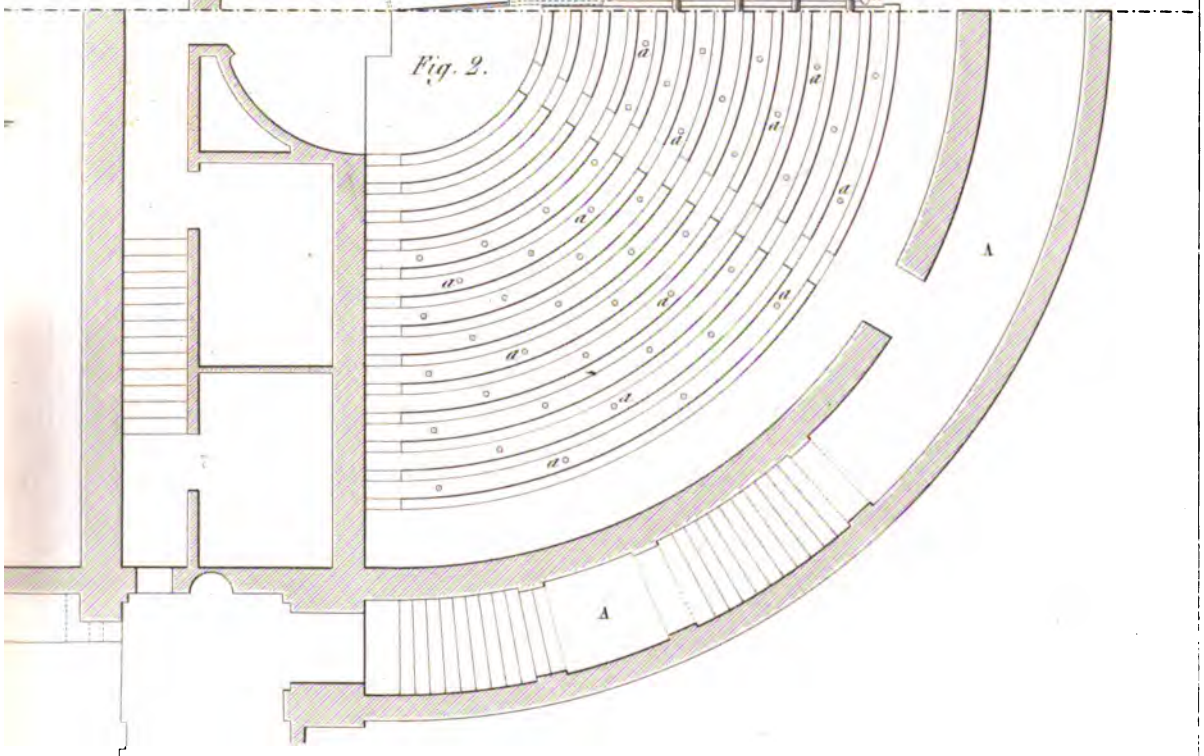

Gravé par Mercier

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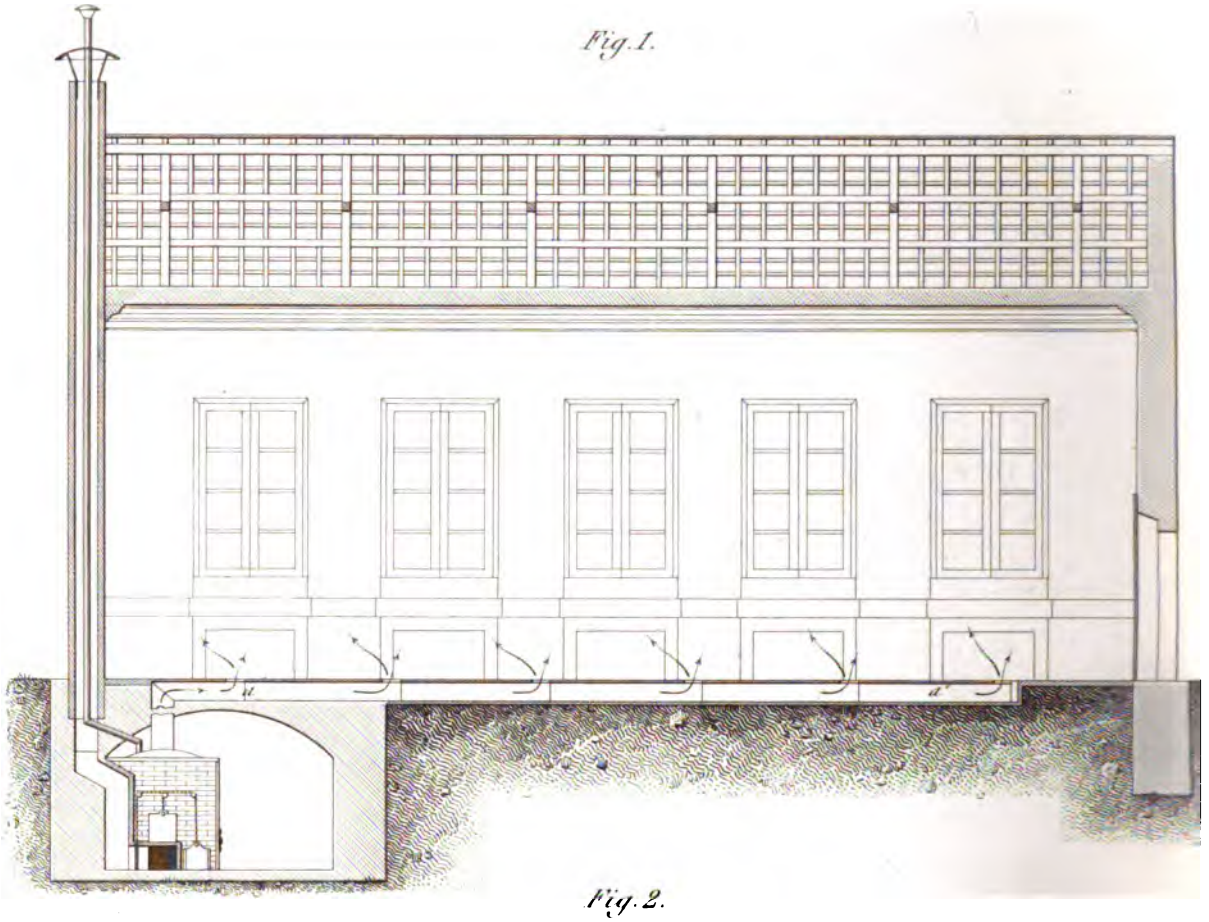

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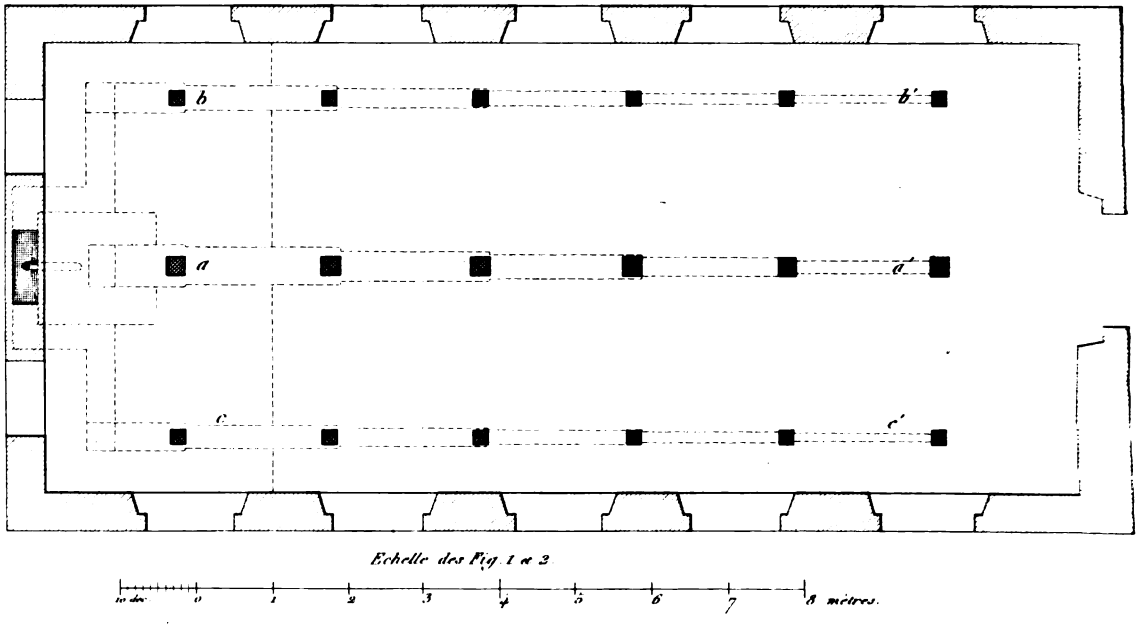
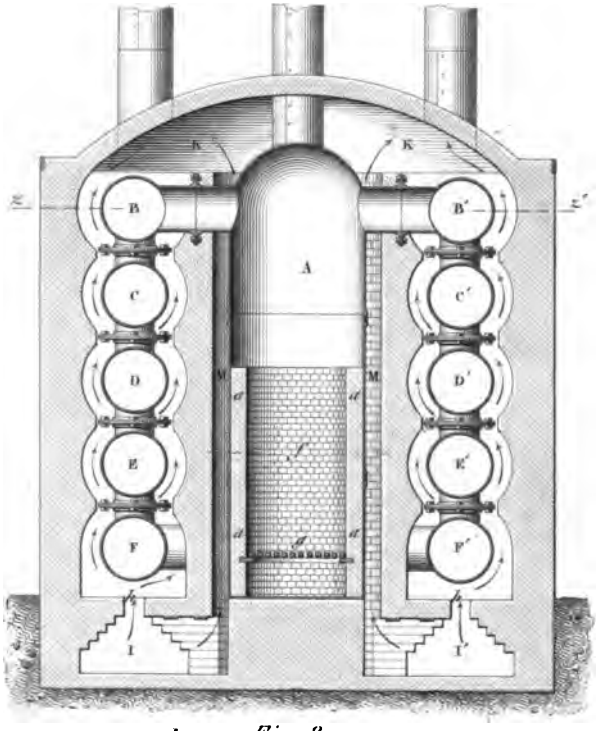


Librairie de L. Hachette.

Fig. 4.



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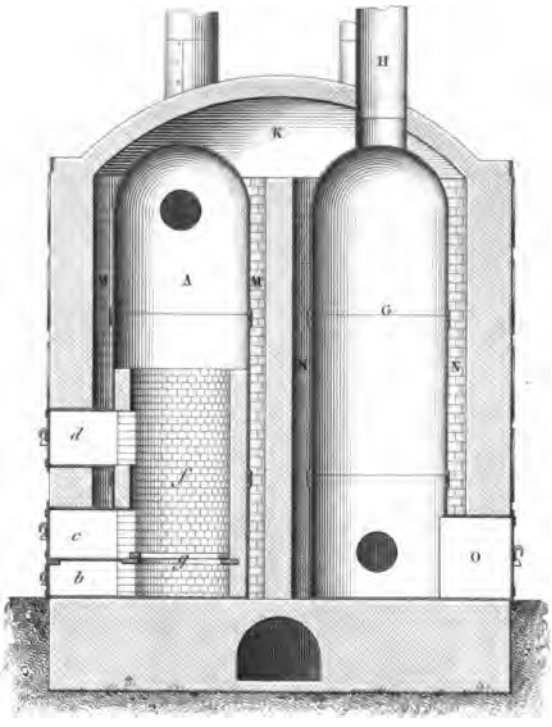

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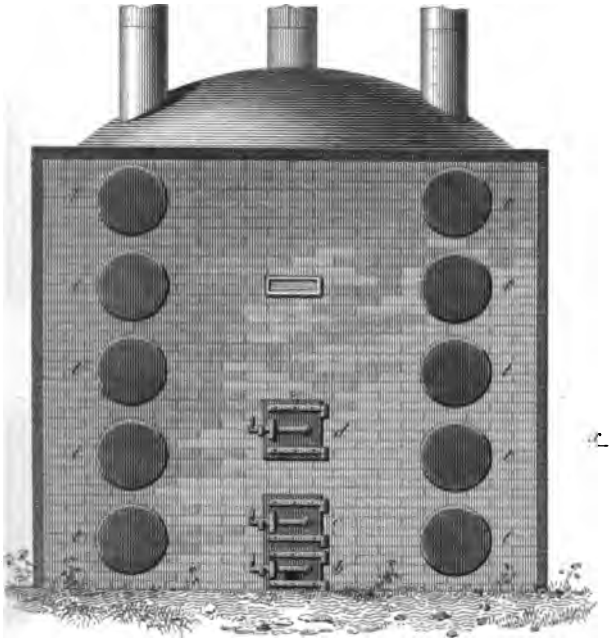

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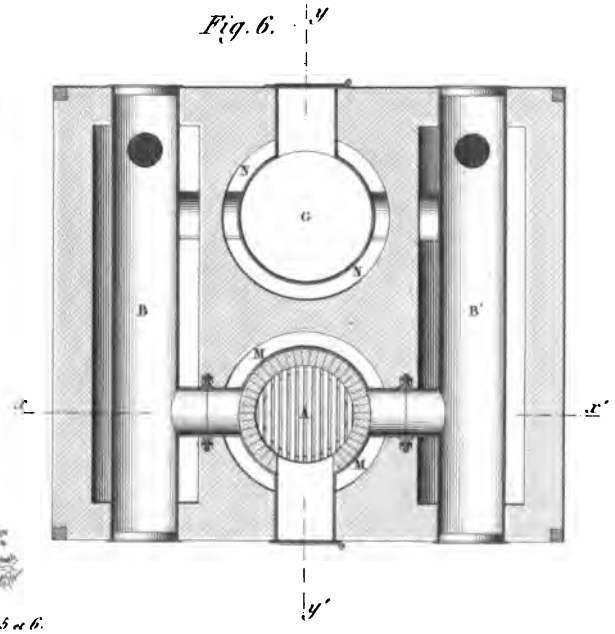
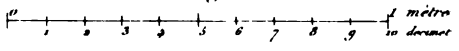
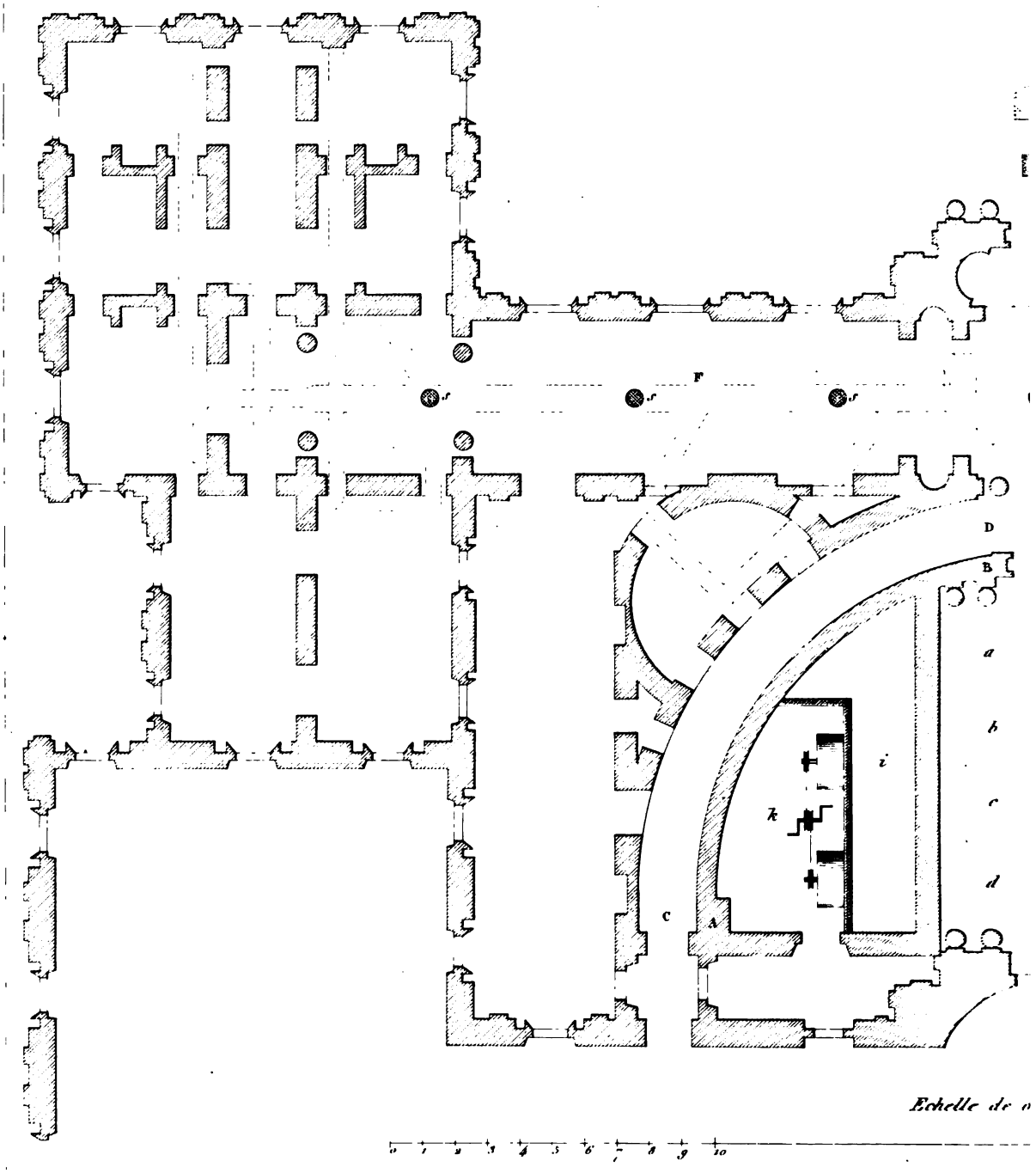


Echelle des Fig 3 4 5 et 6.



tirage par E. Wormser.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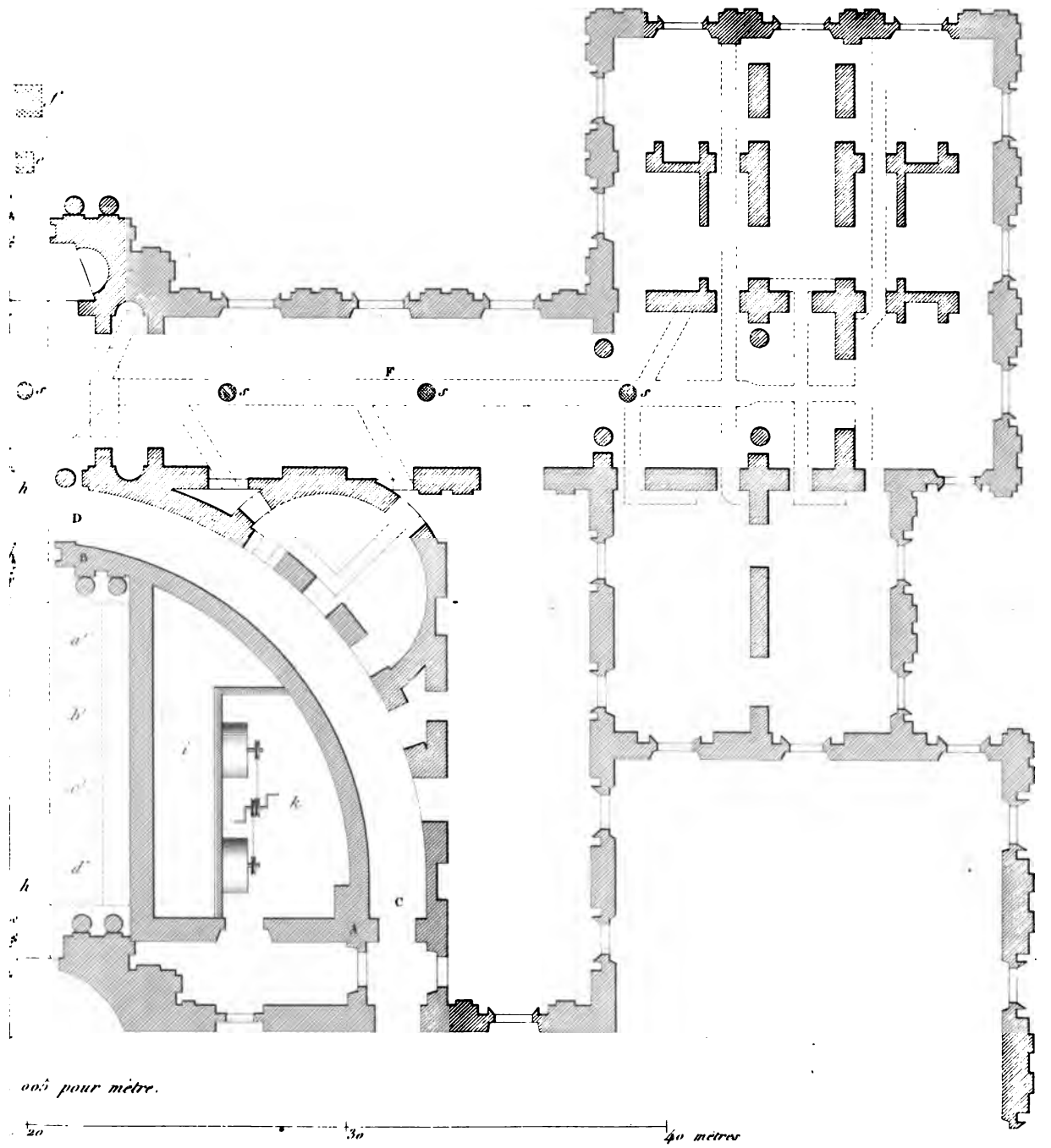

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Gravé par E. Wormser

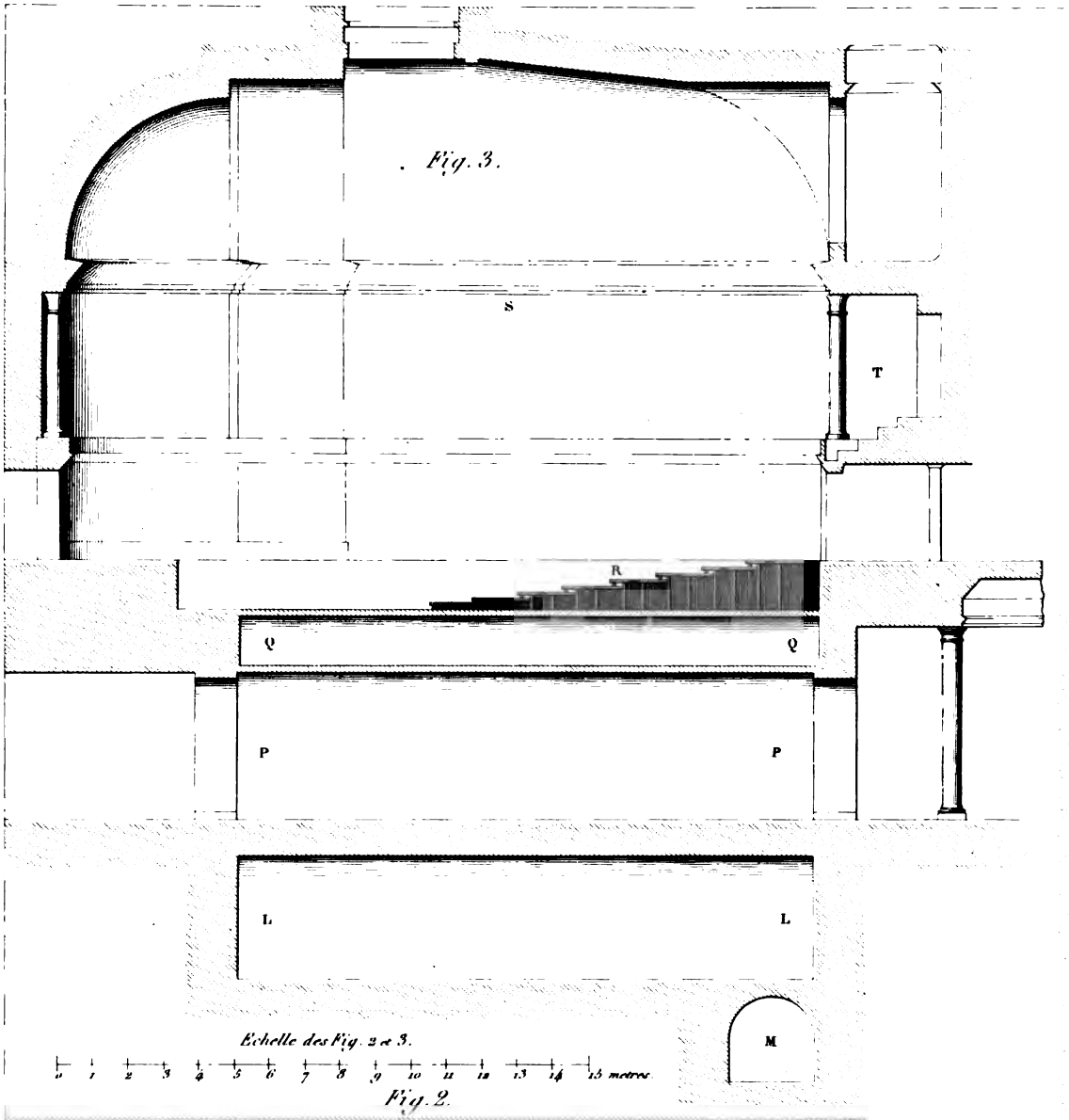
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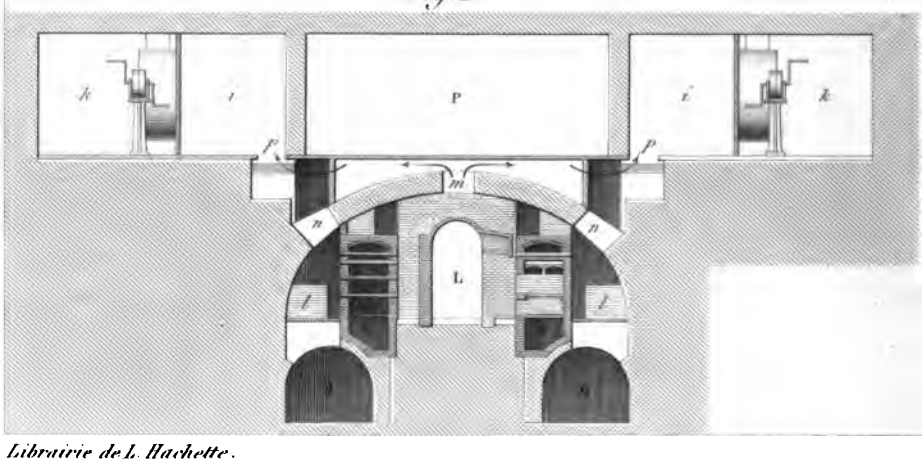
Fig. 3.

Fig. 2.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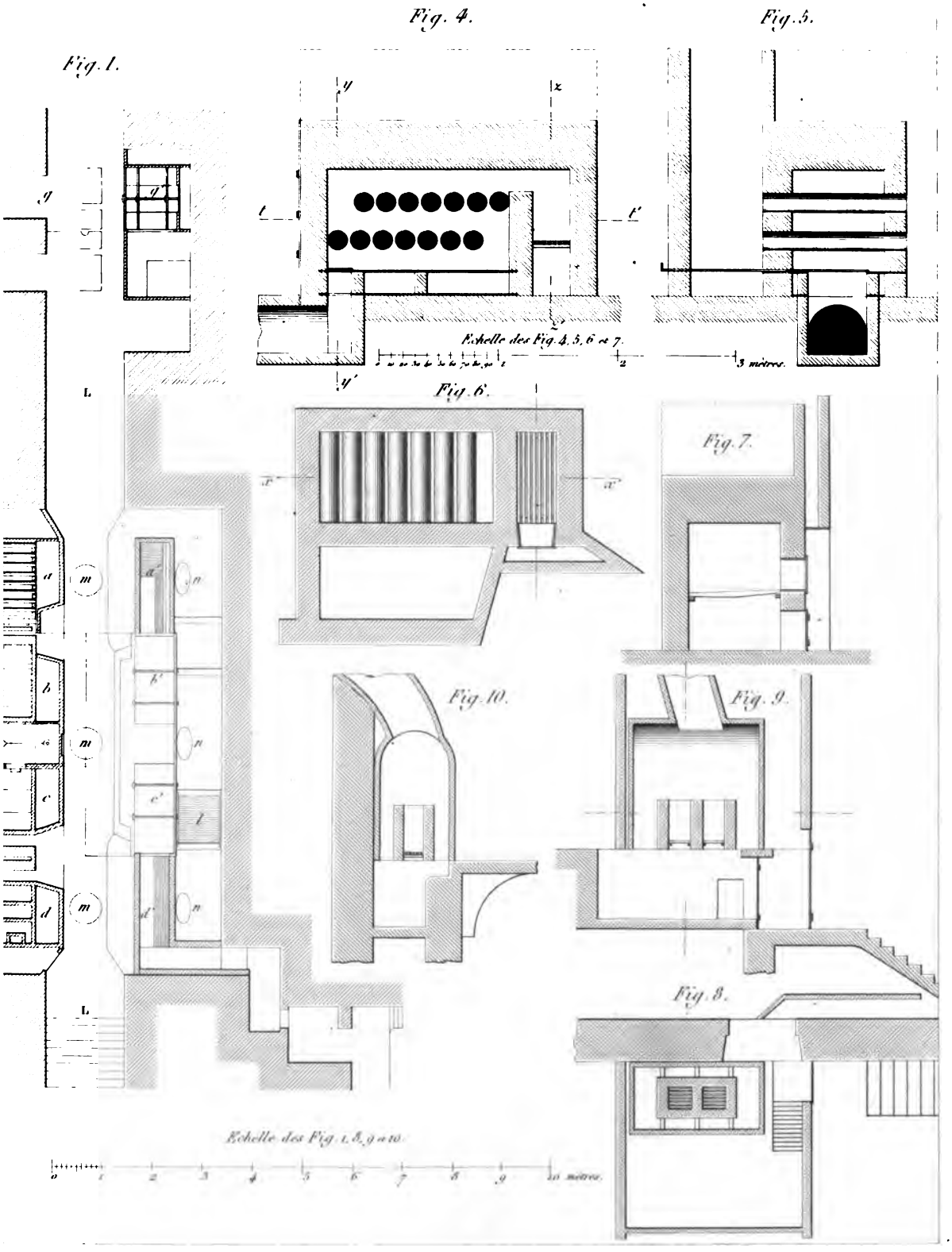

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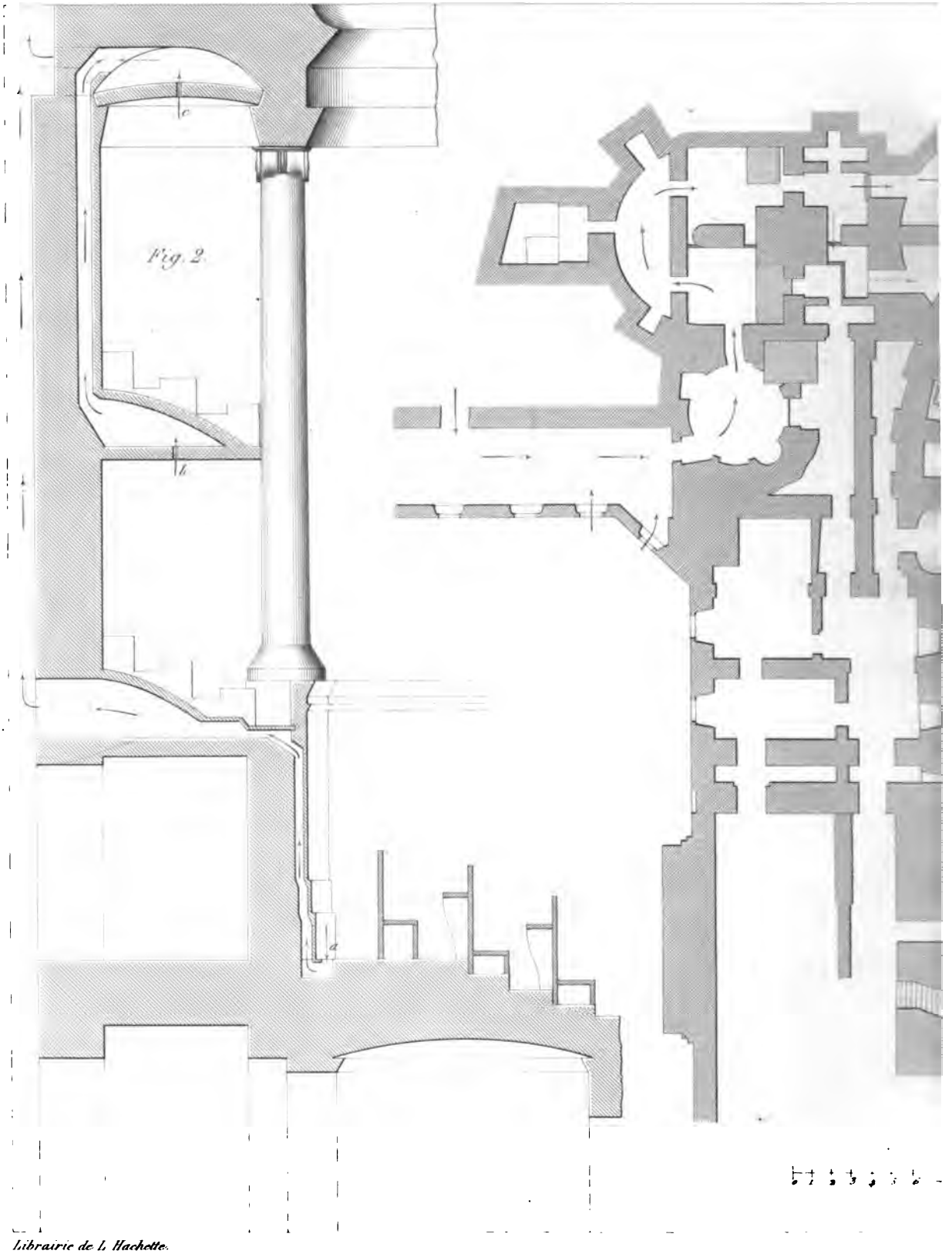

Fig. 2.

Librairie de L. Hachette.

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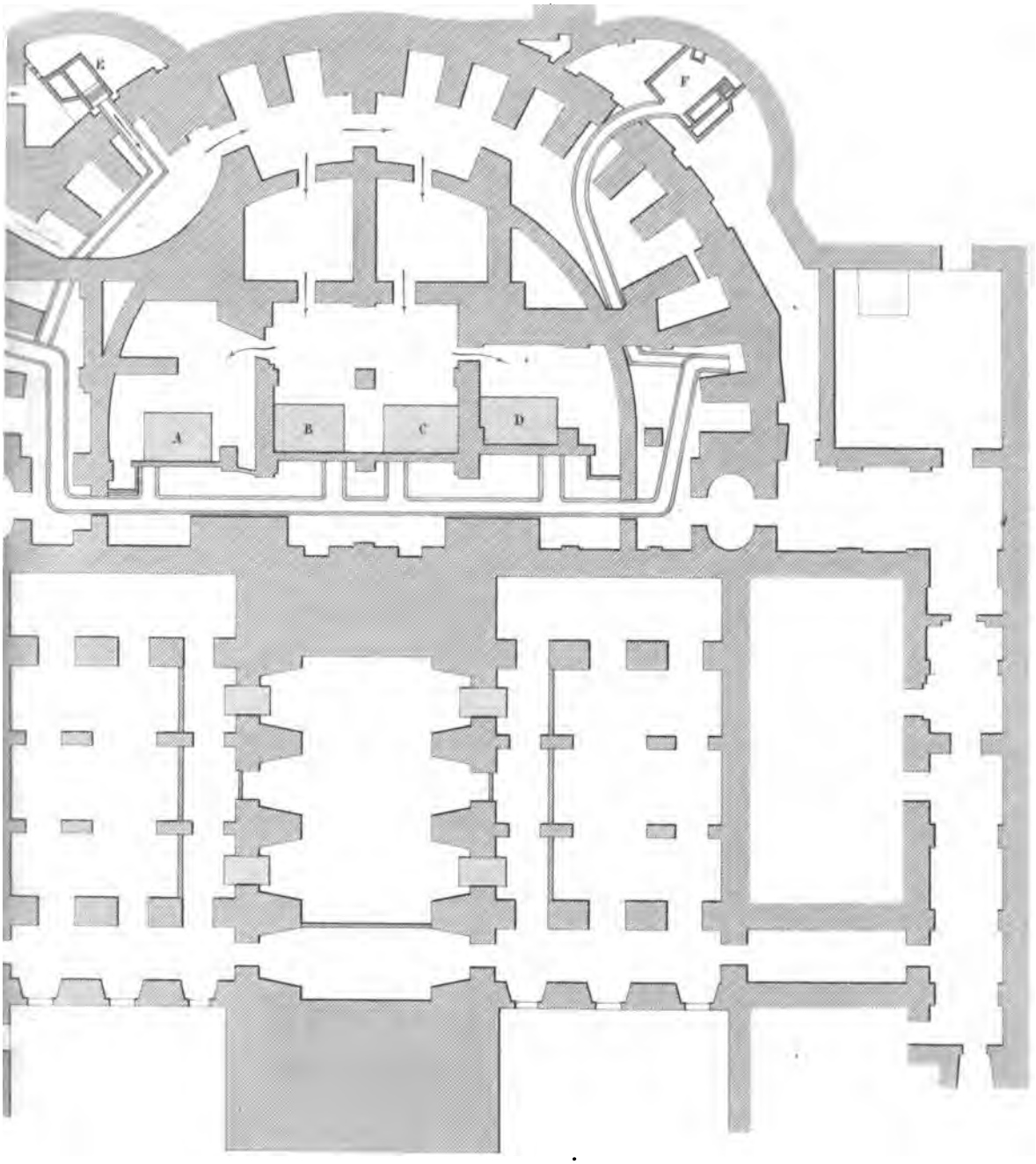

Echelle.

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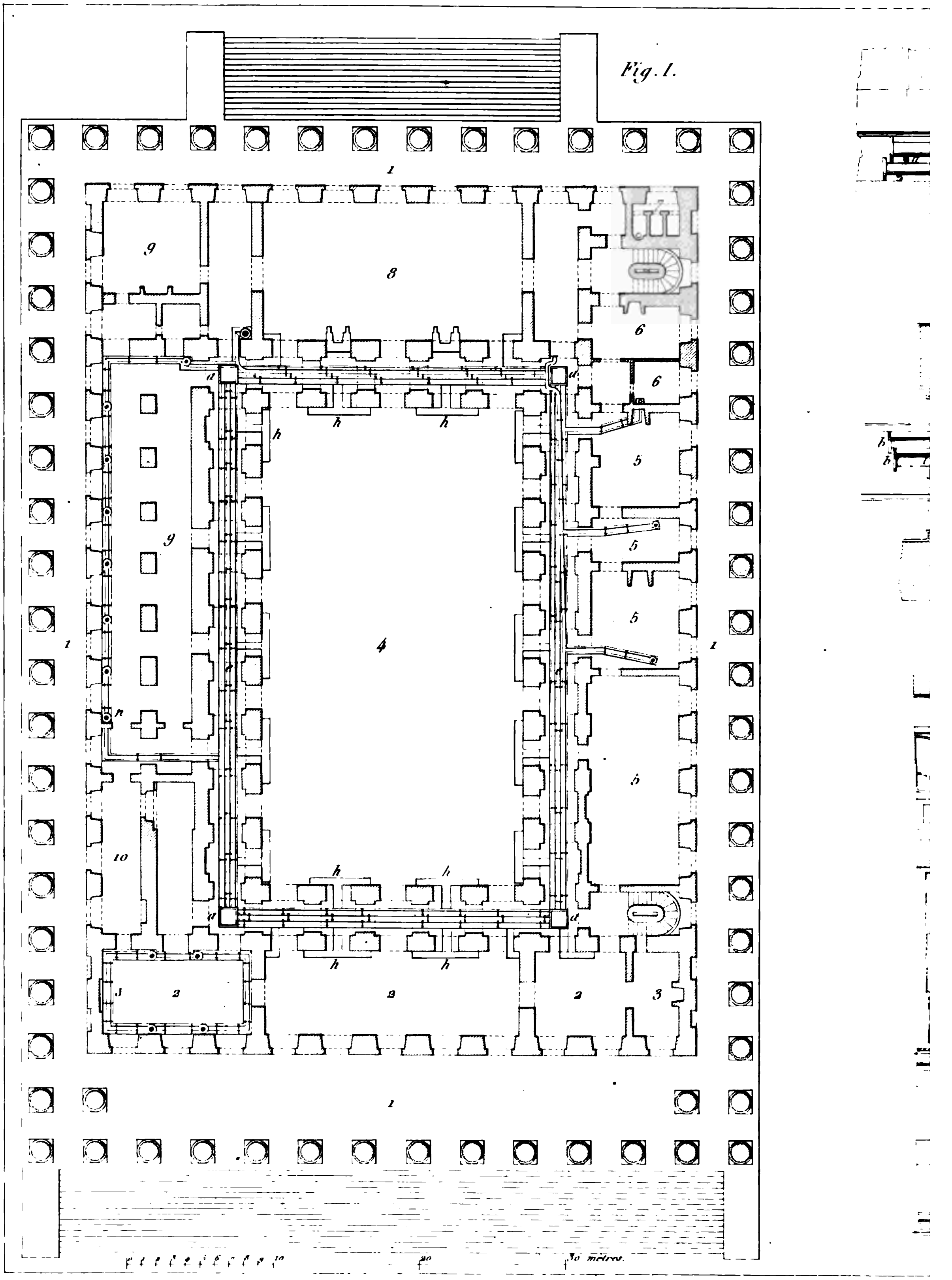
Gravé par R. Wormser.



Librairie de L. Hachette.

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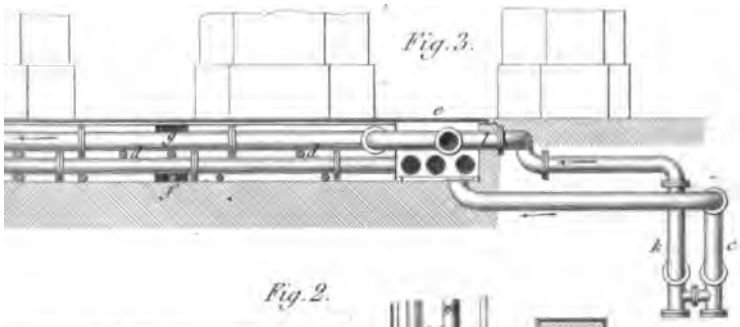

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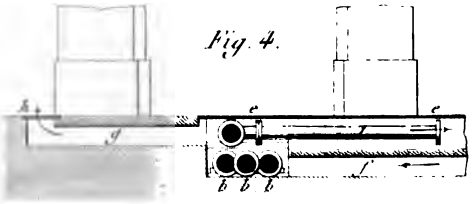

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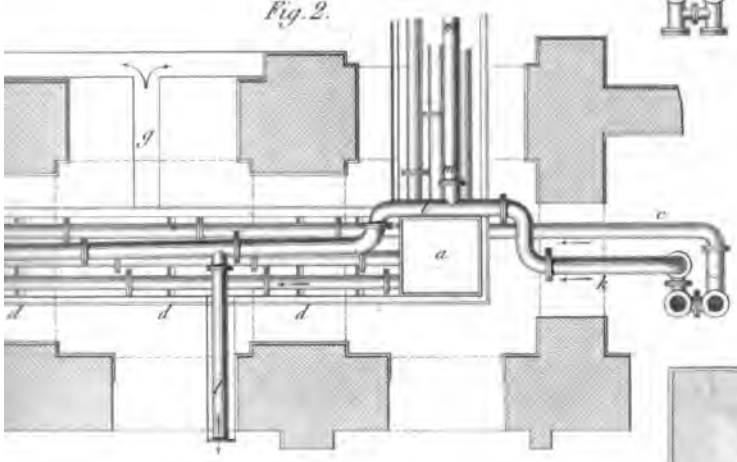

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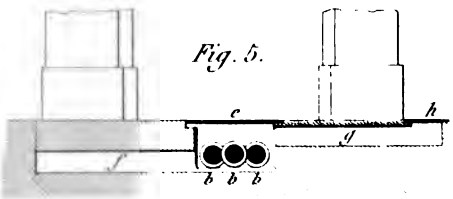

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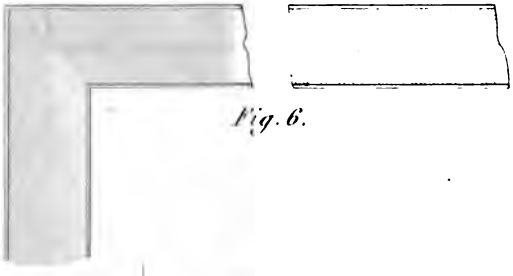

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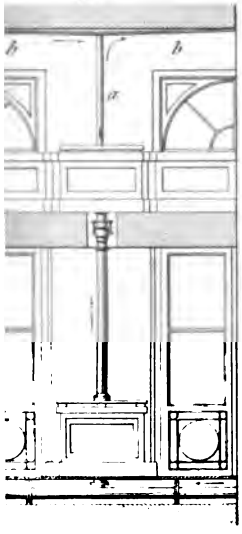
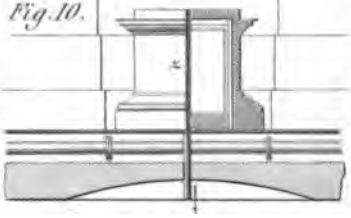


Fig. 9.

Fig. 10.



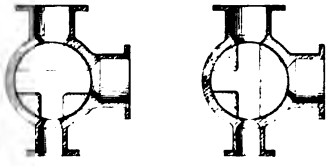
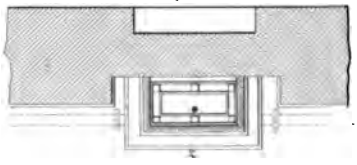
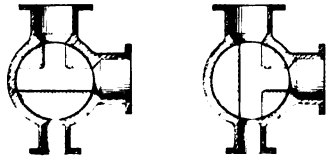


Fig. 12.

Fig. 11.





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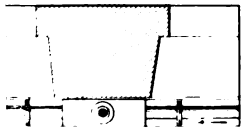

Echelle des Fig. 2. 3. 4. 5. 6. 7. 8. 9. 10 et 11.

0 1 2 3 4 5 6 mètres

Gravé par F. Wörnser.

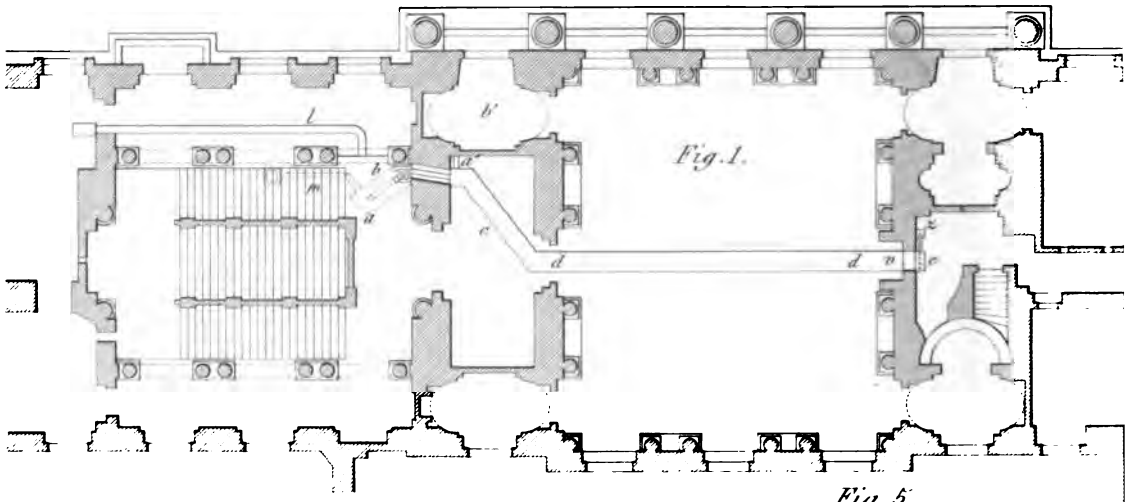

Fig. 5.

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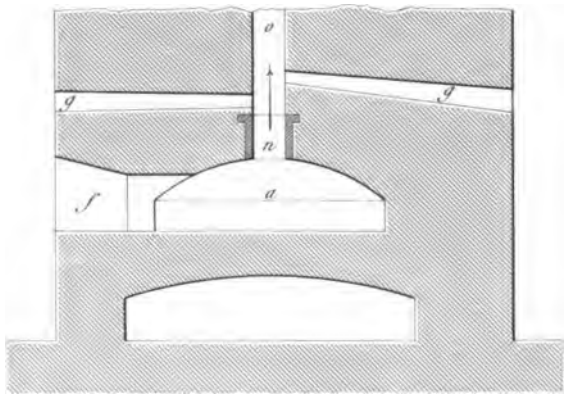
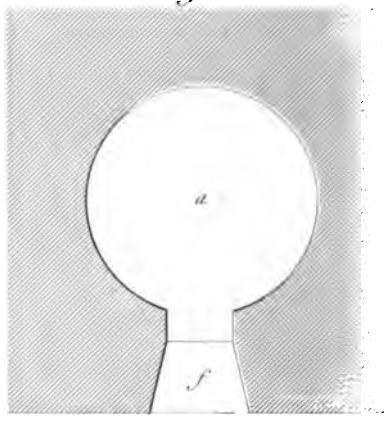
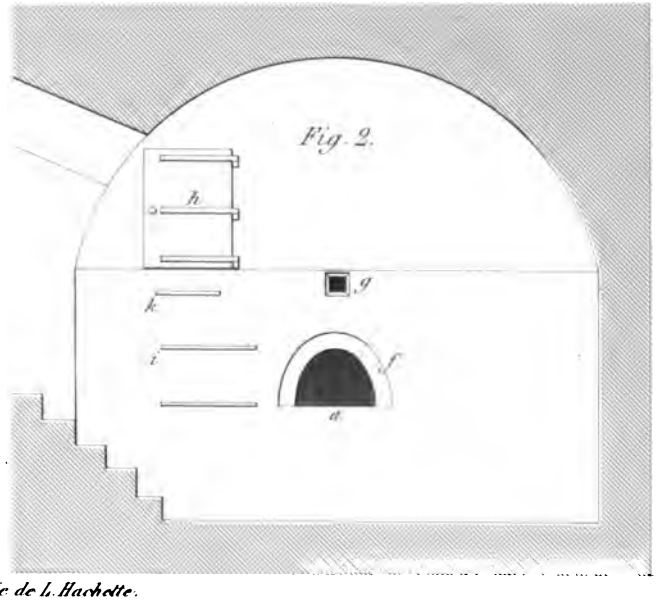
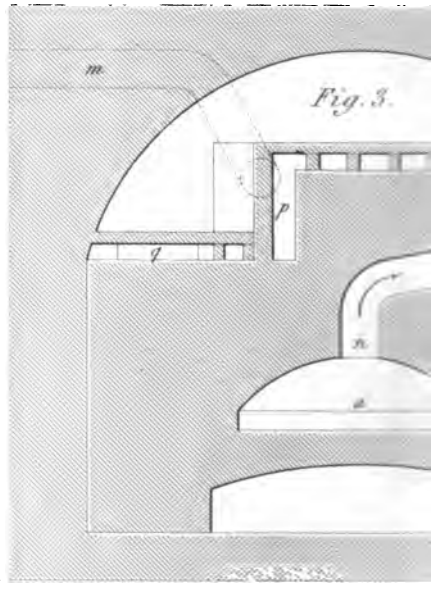
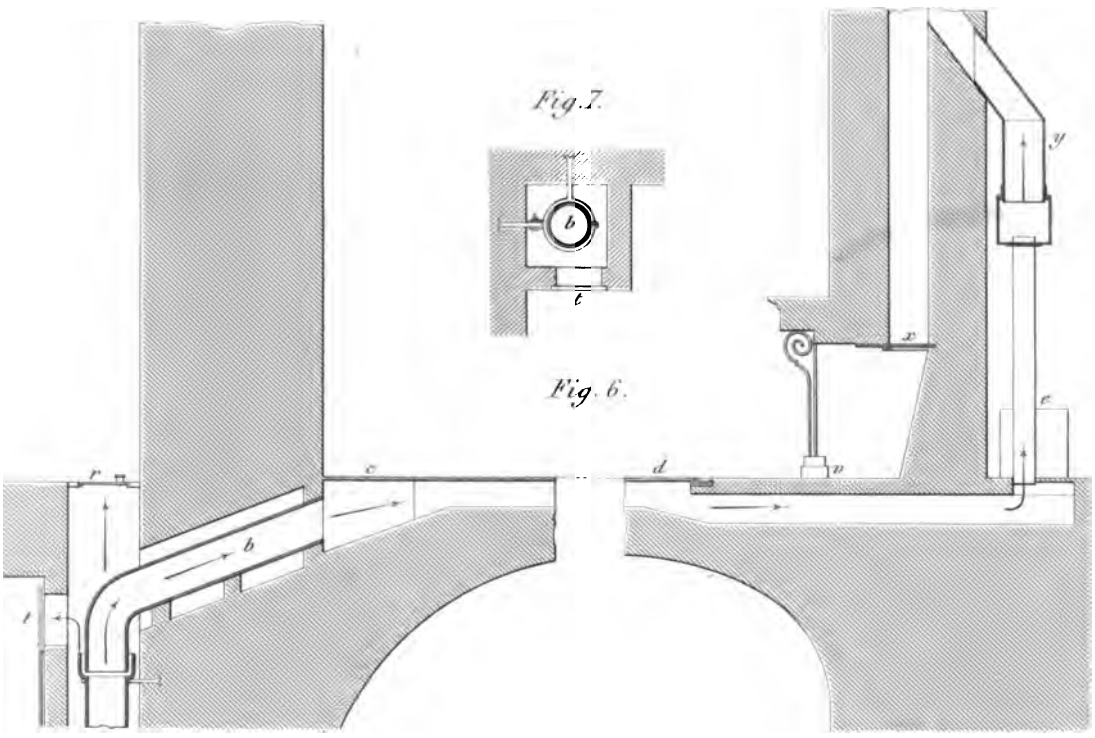


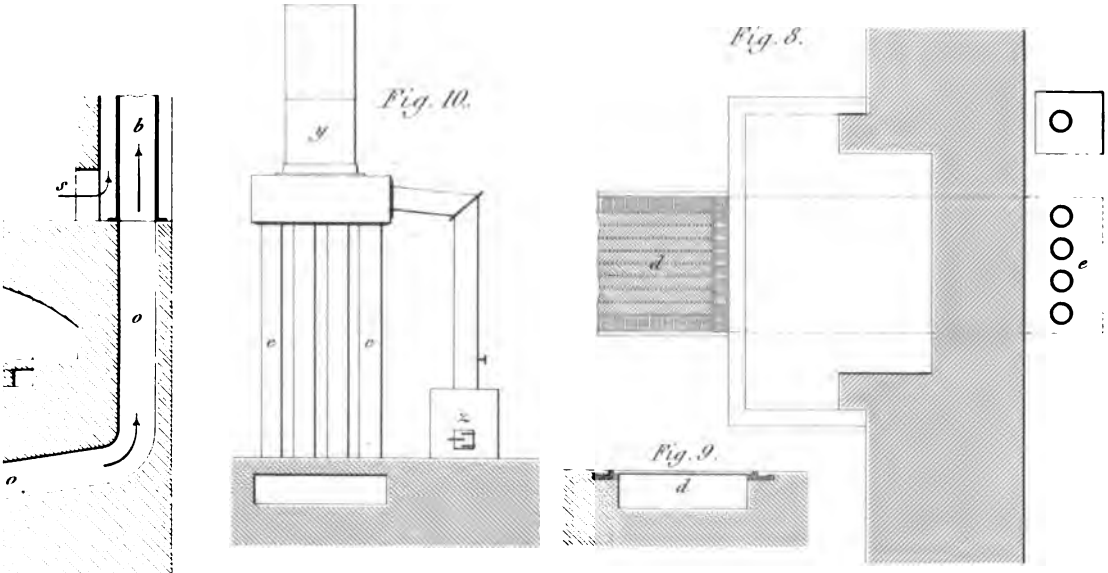






Librairie de L. Hachette.





Echelle de la Fig. 1.

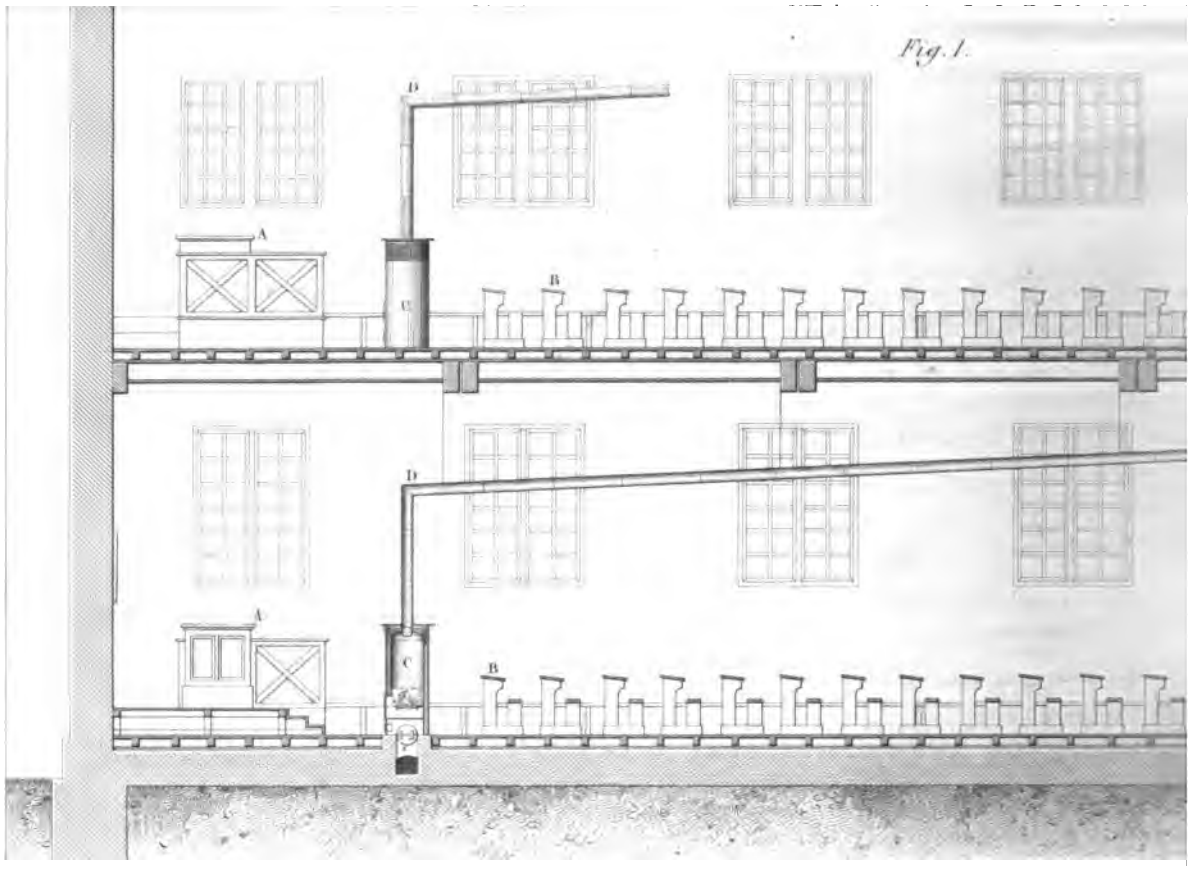
0 1 2 3 4 5 6 7 8 — 16 mètres.

Echelle des Fig. 2, 3, 4, 5, 6, 7, 8 et 9.

0 1 2 3 4 5 6 mètres.

Gravé par J. Petitcolin

Fig. 1.



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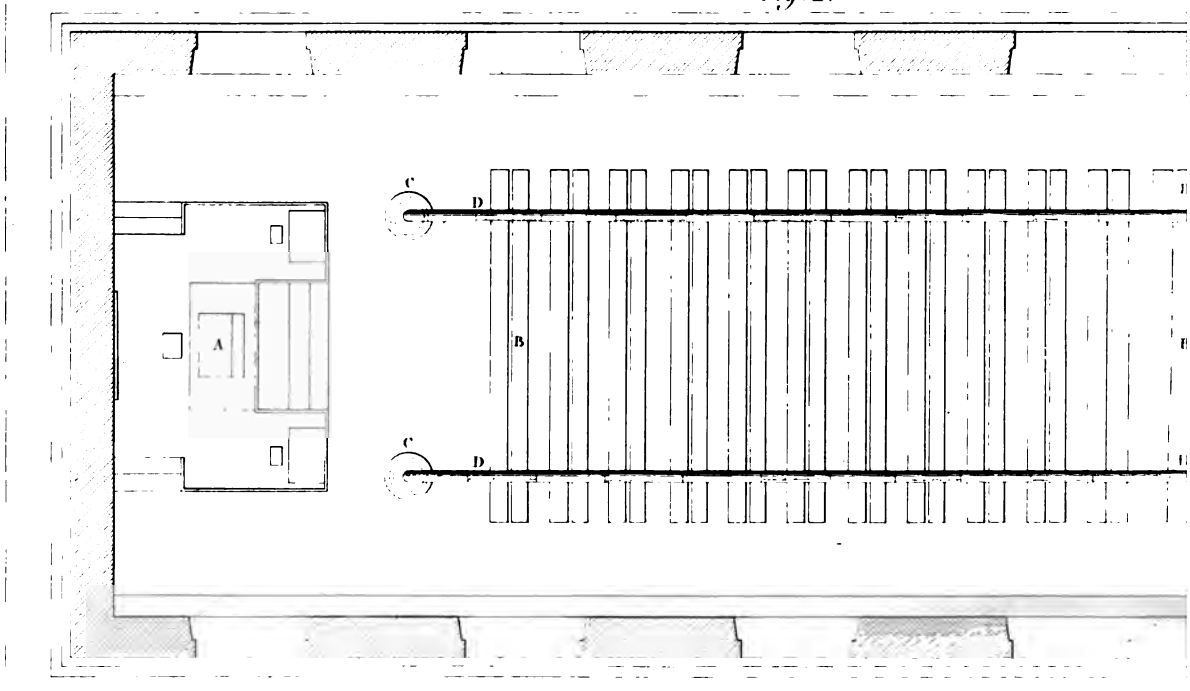

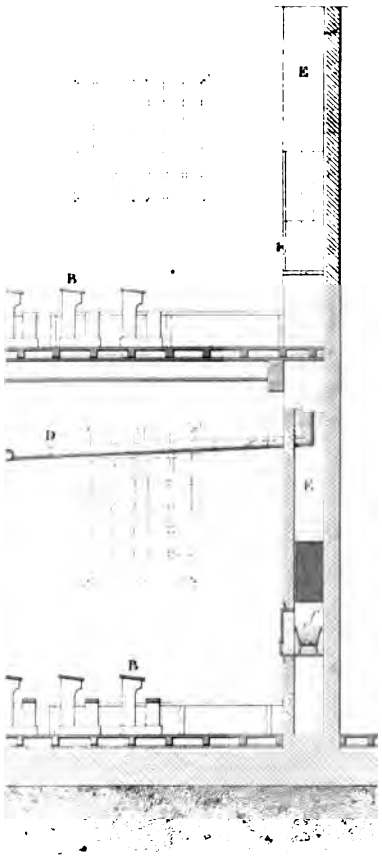

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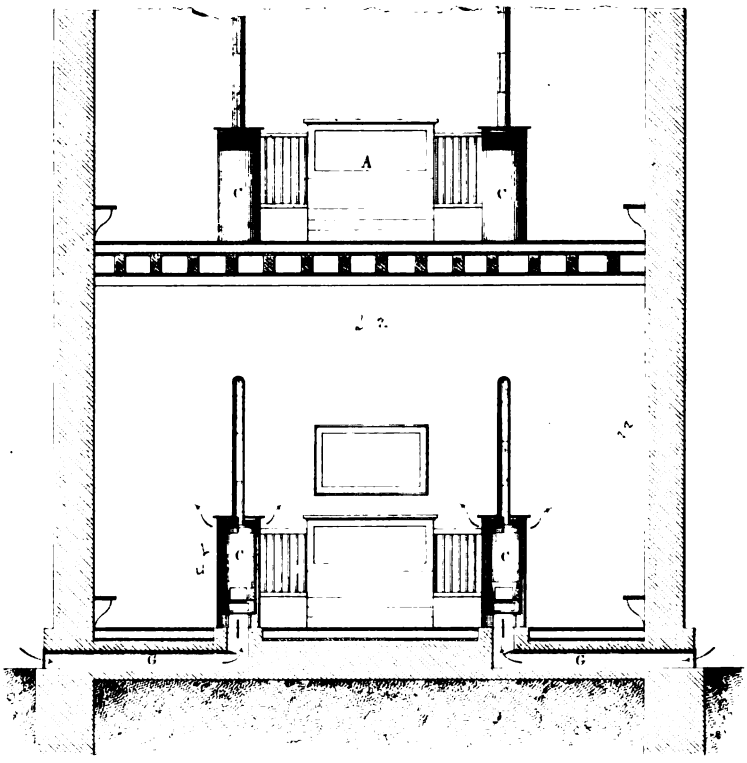
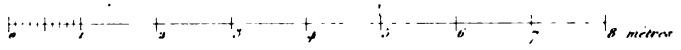
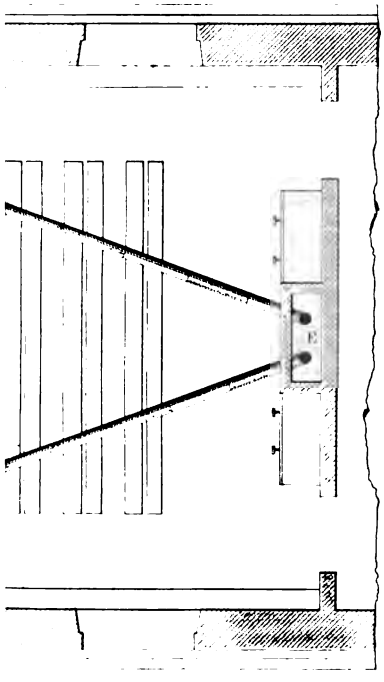


Echelle.





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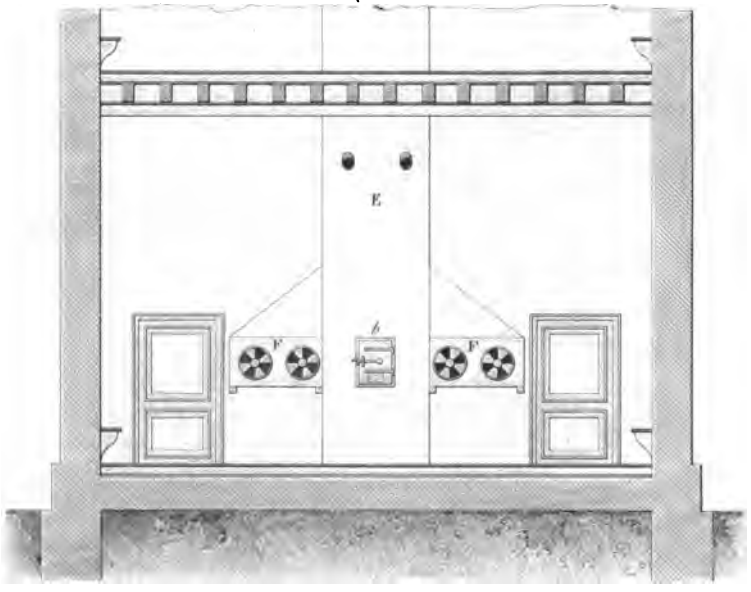
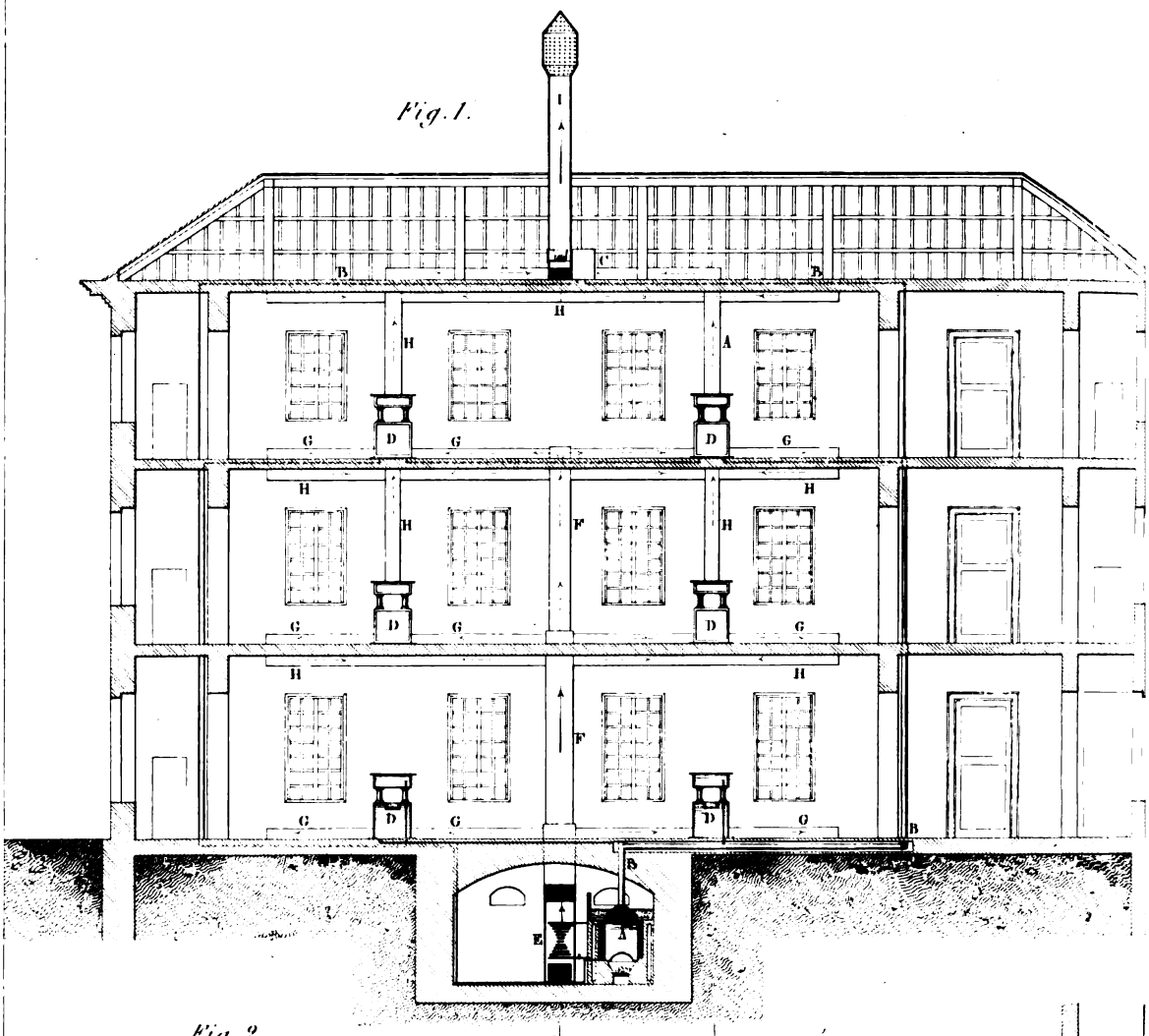


Gravé par E. Wörmser.

Fig. 1.



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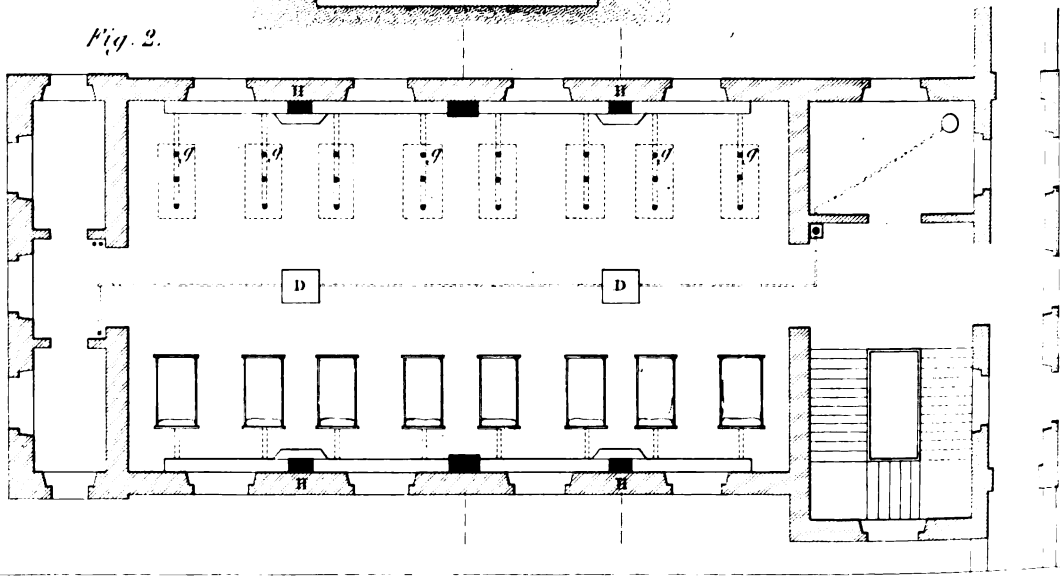
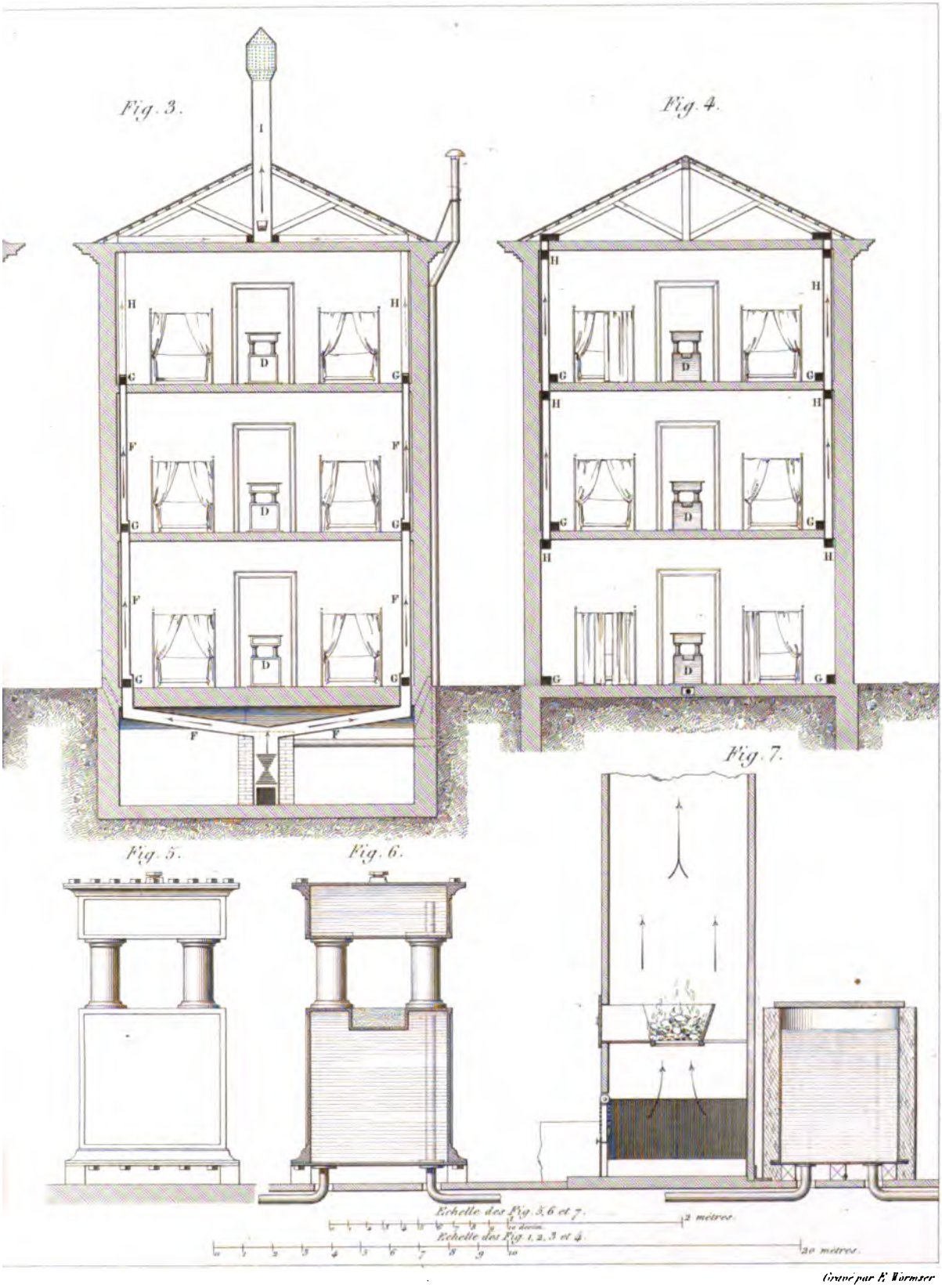
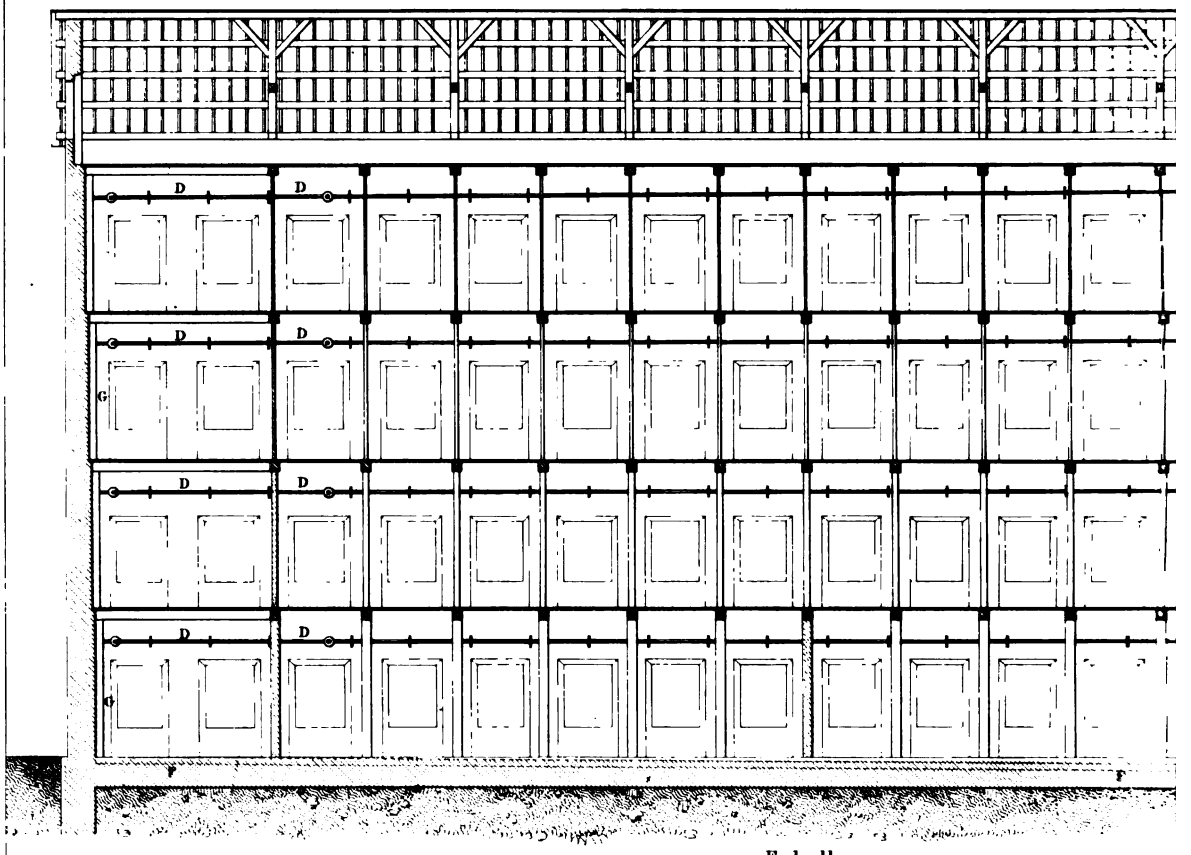




Gravé par F. Wörmser

Fig. 1.



Echelle.

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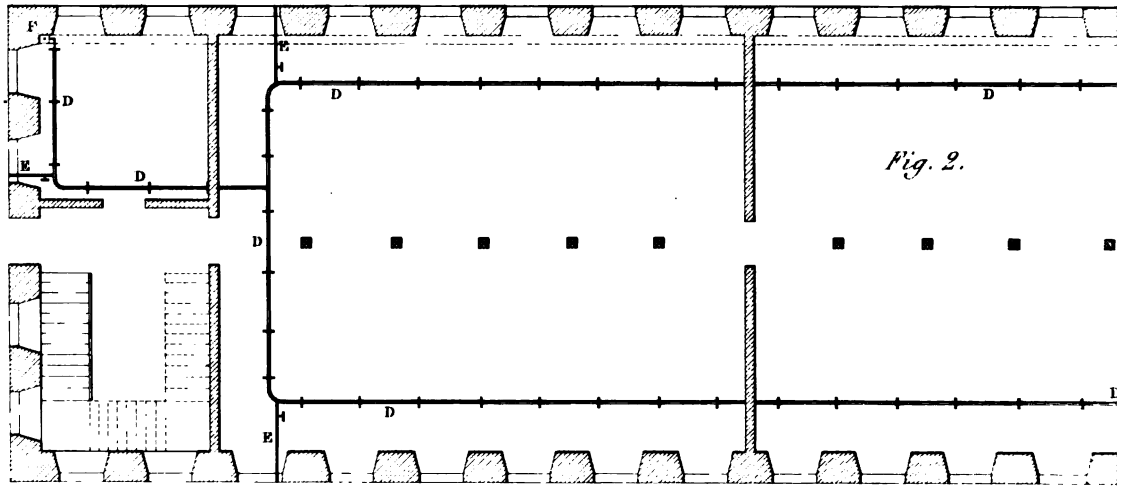
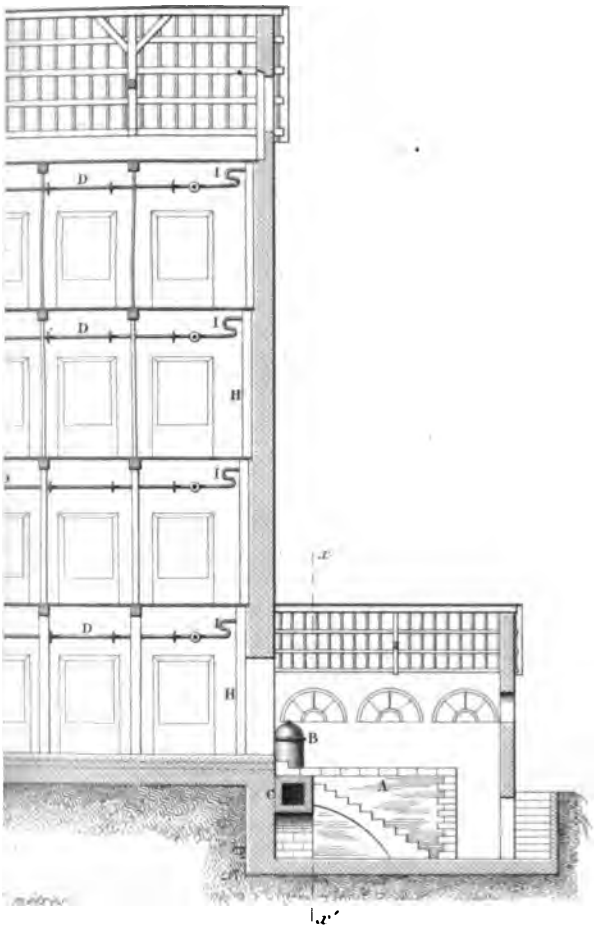
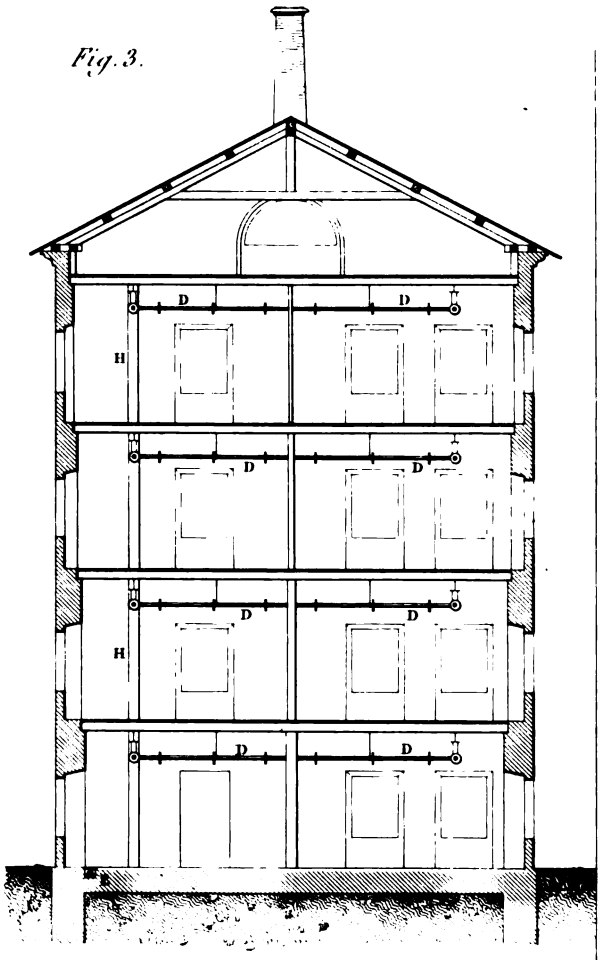


Fig. 2.

Fig. 3.





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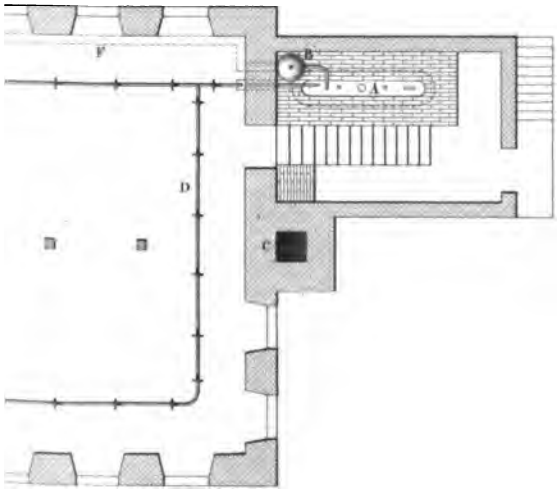
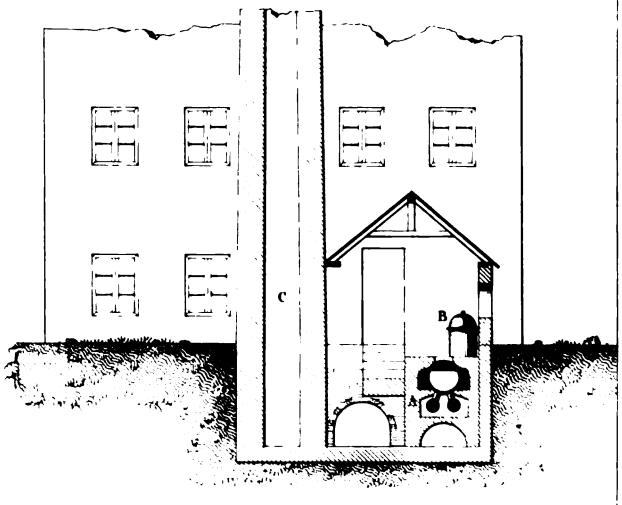
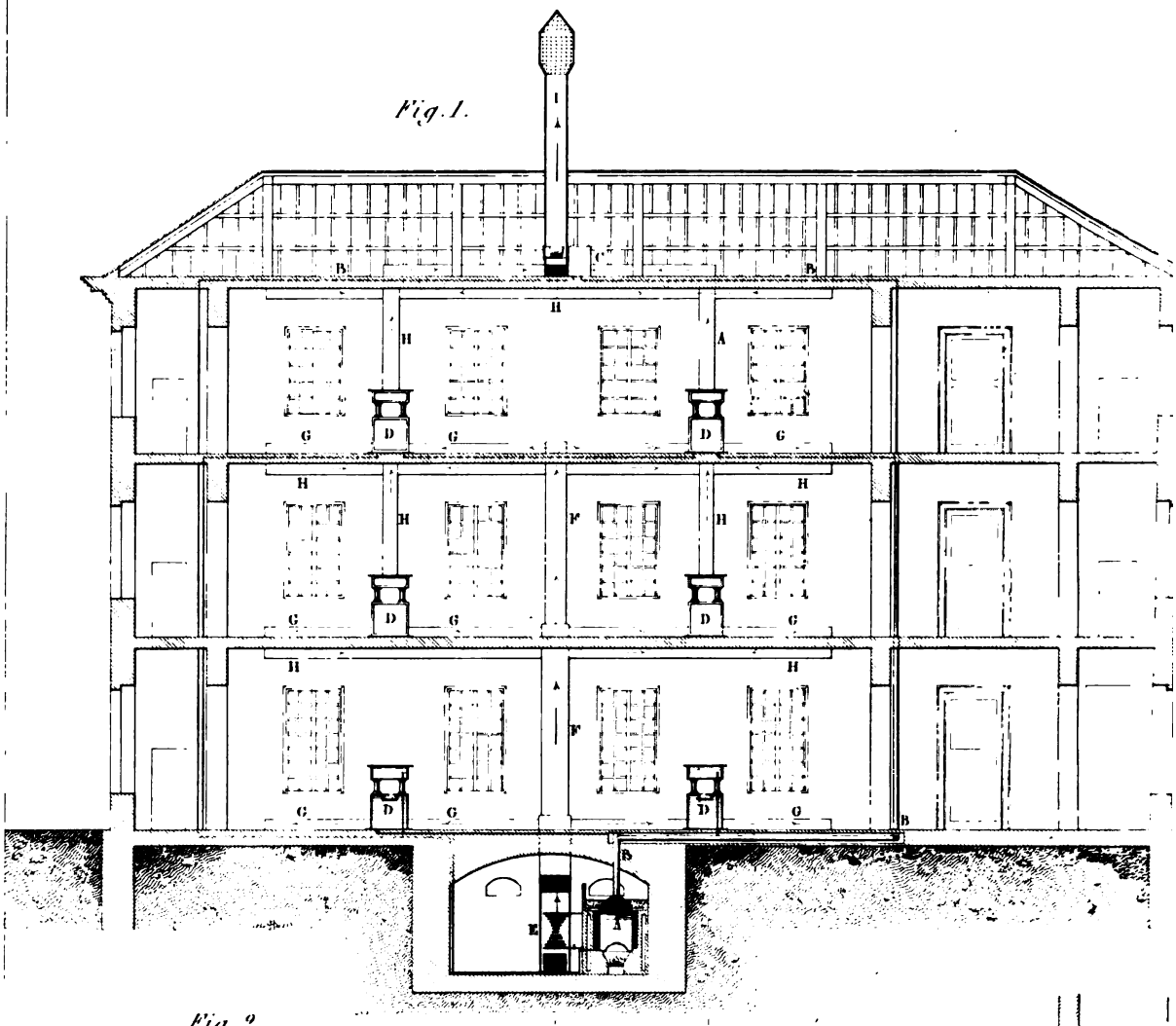




Gravé par J. Petitcolin

Fig. 1.



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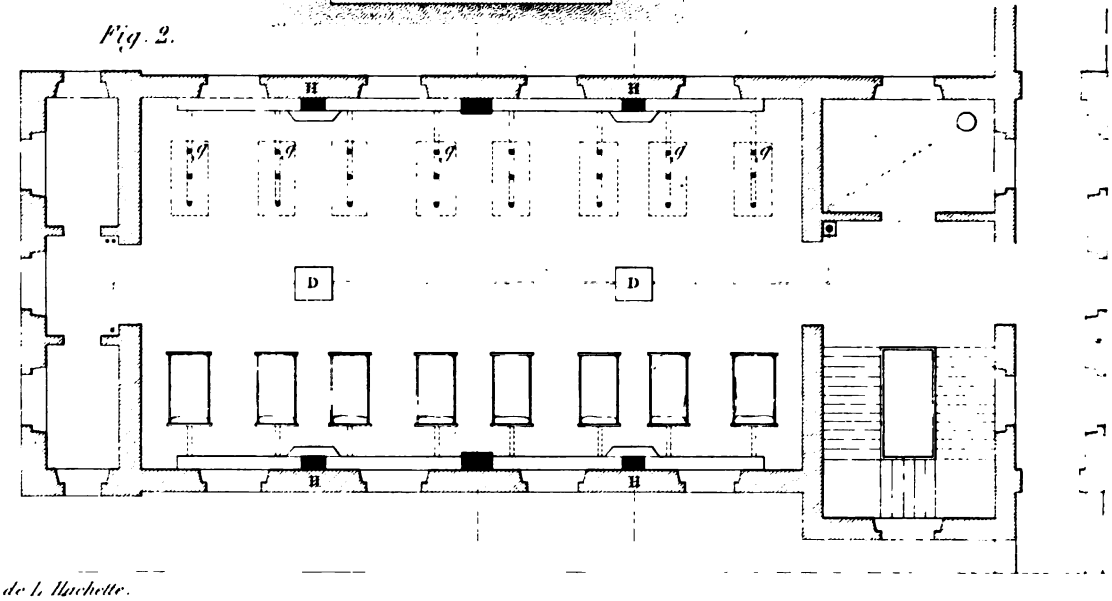
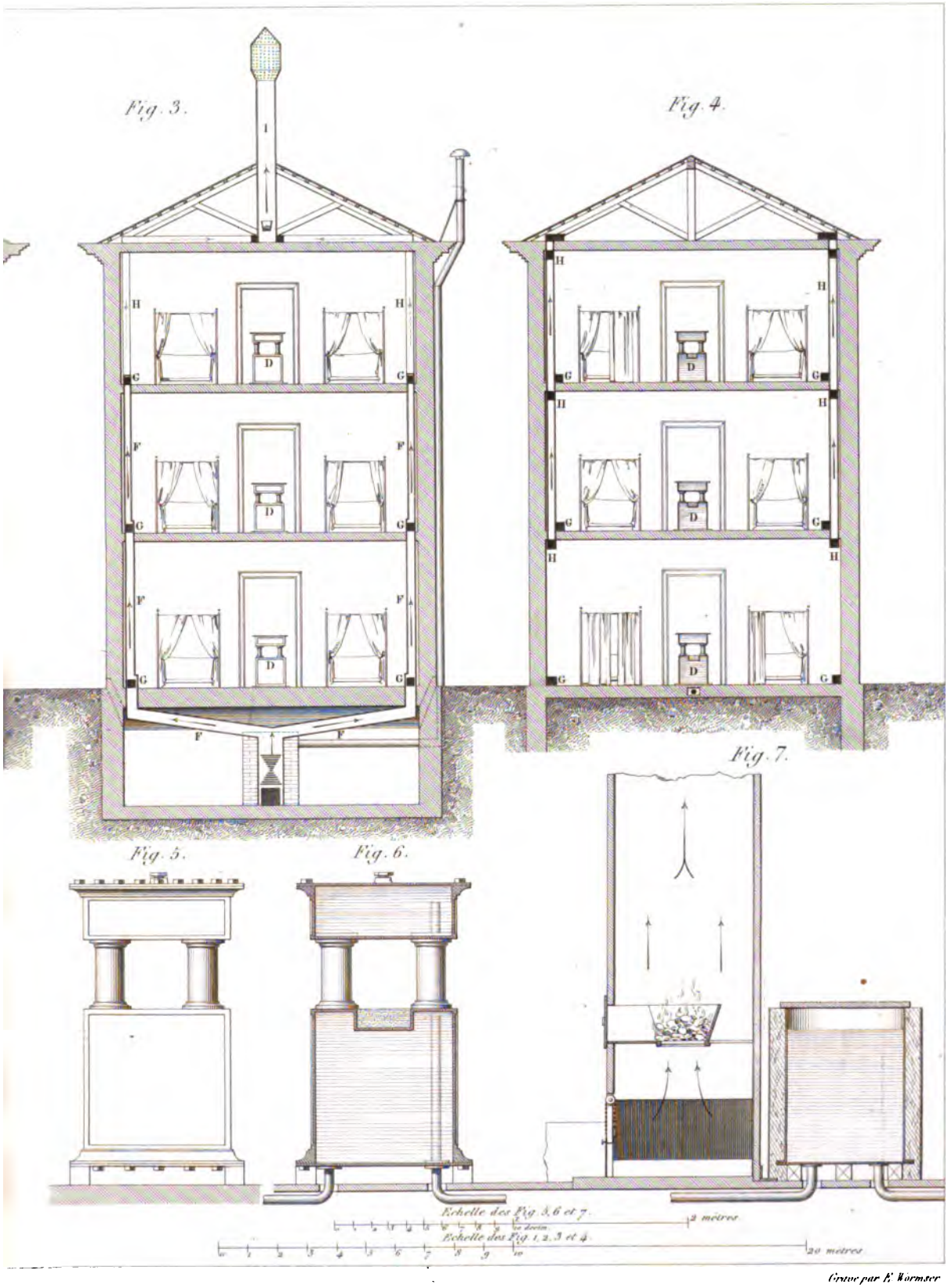
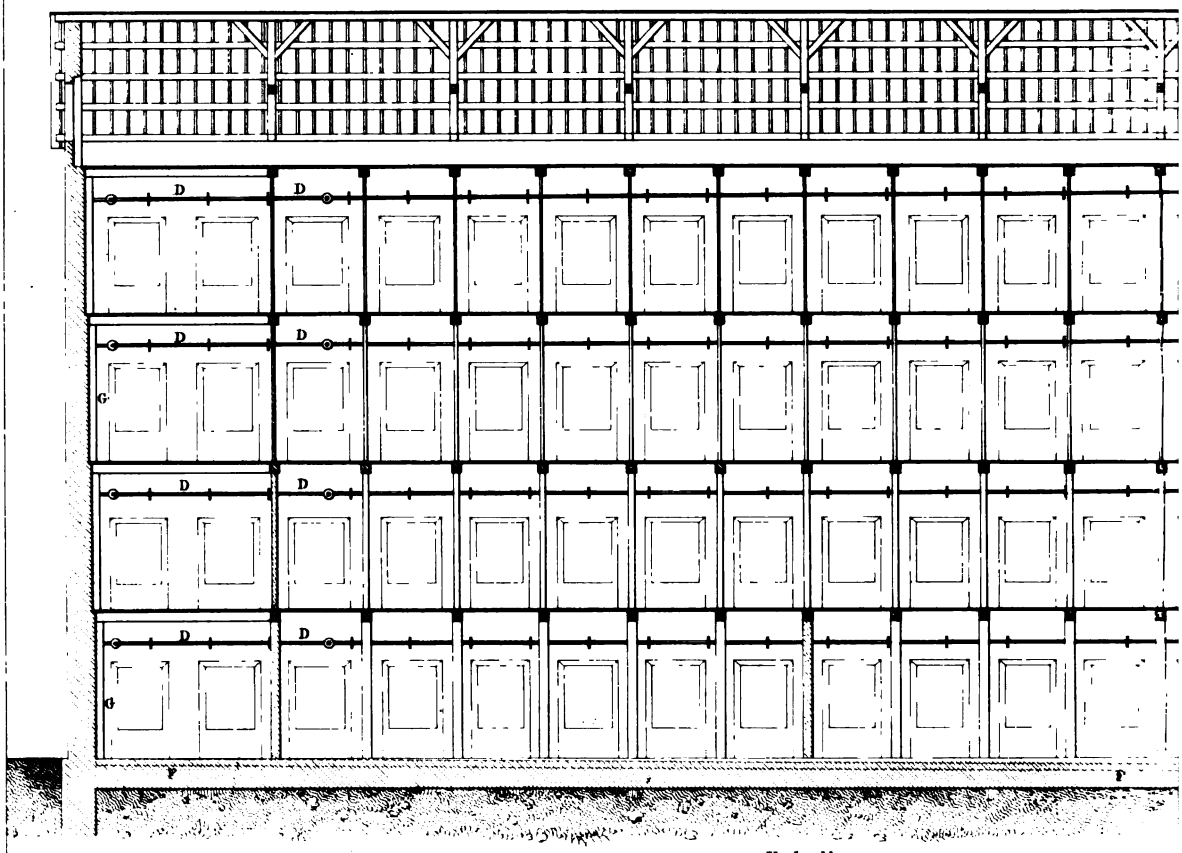
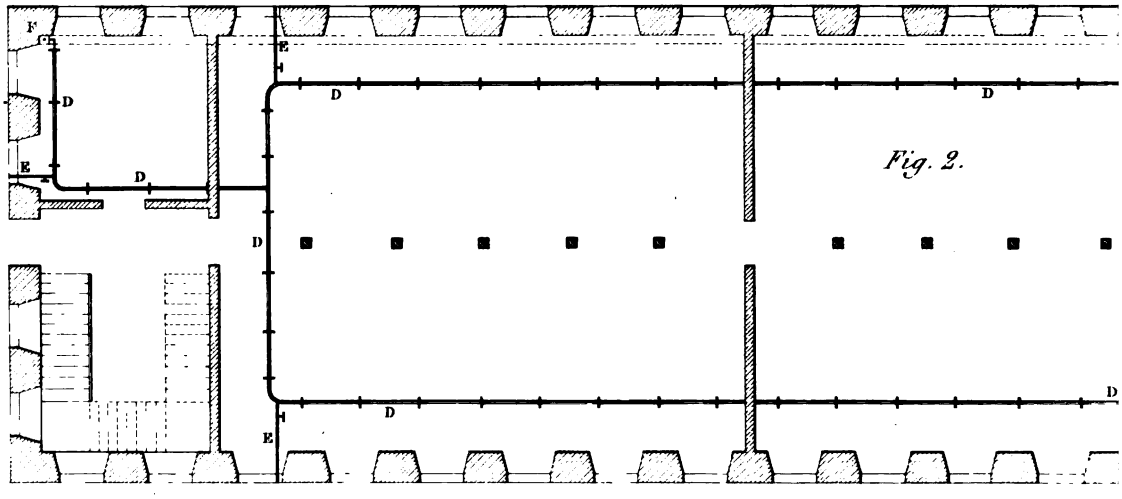




Gravé par F. Wormser

Fig. 1.





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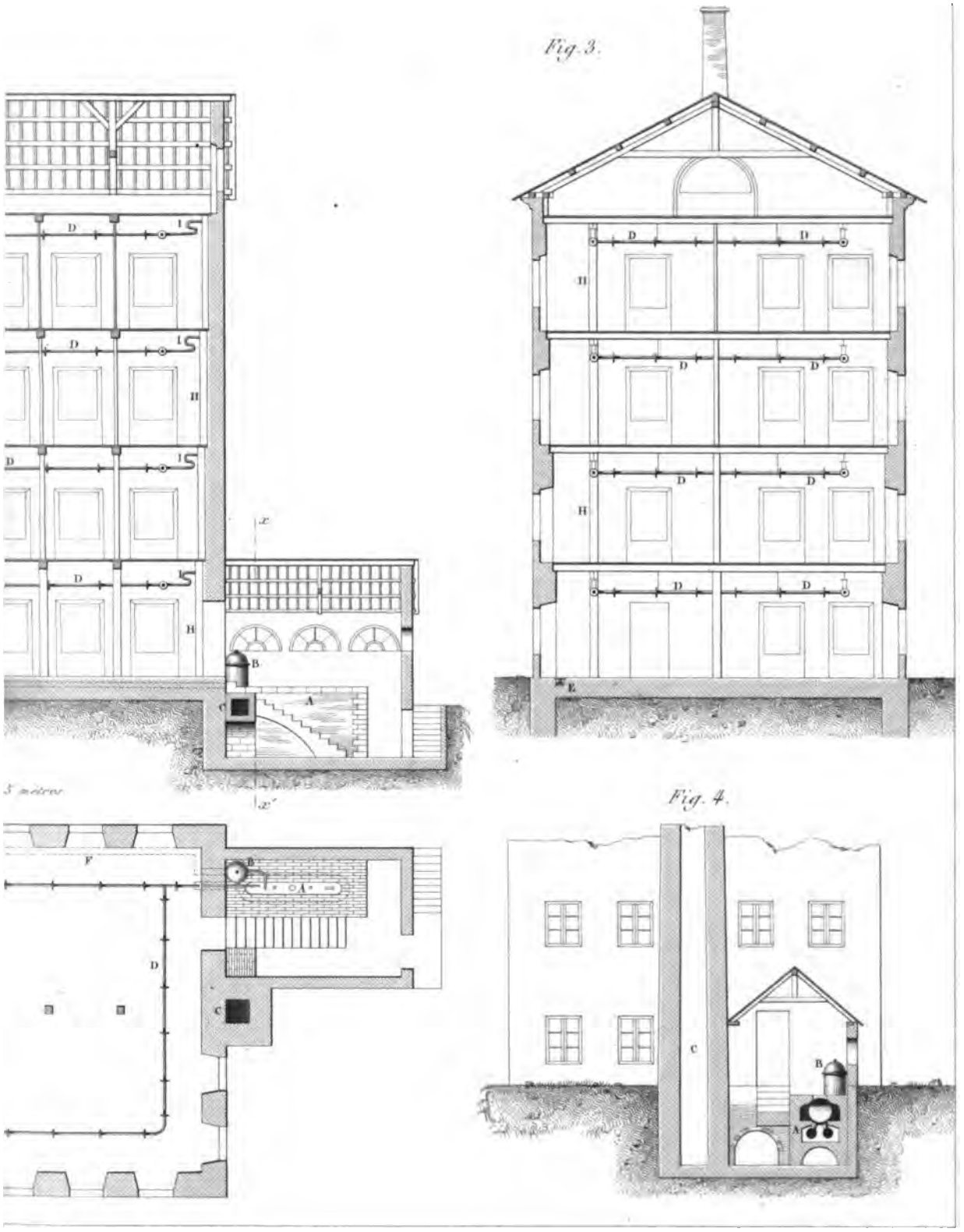
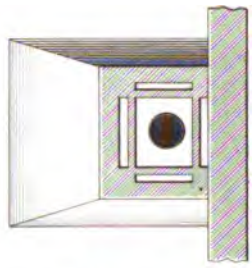


Gravé par J. Petitcolin

Fig. 4.



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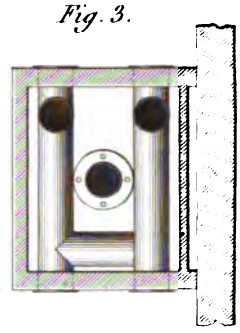

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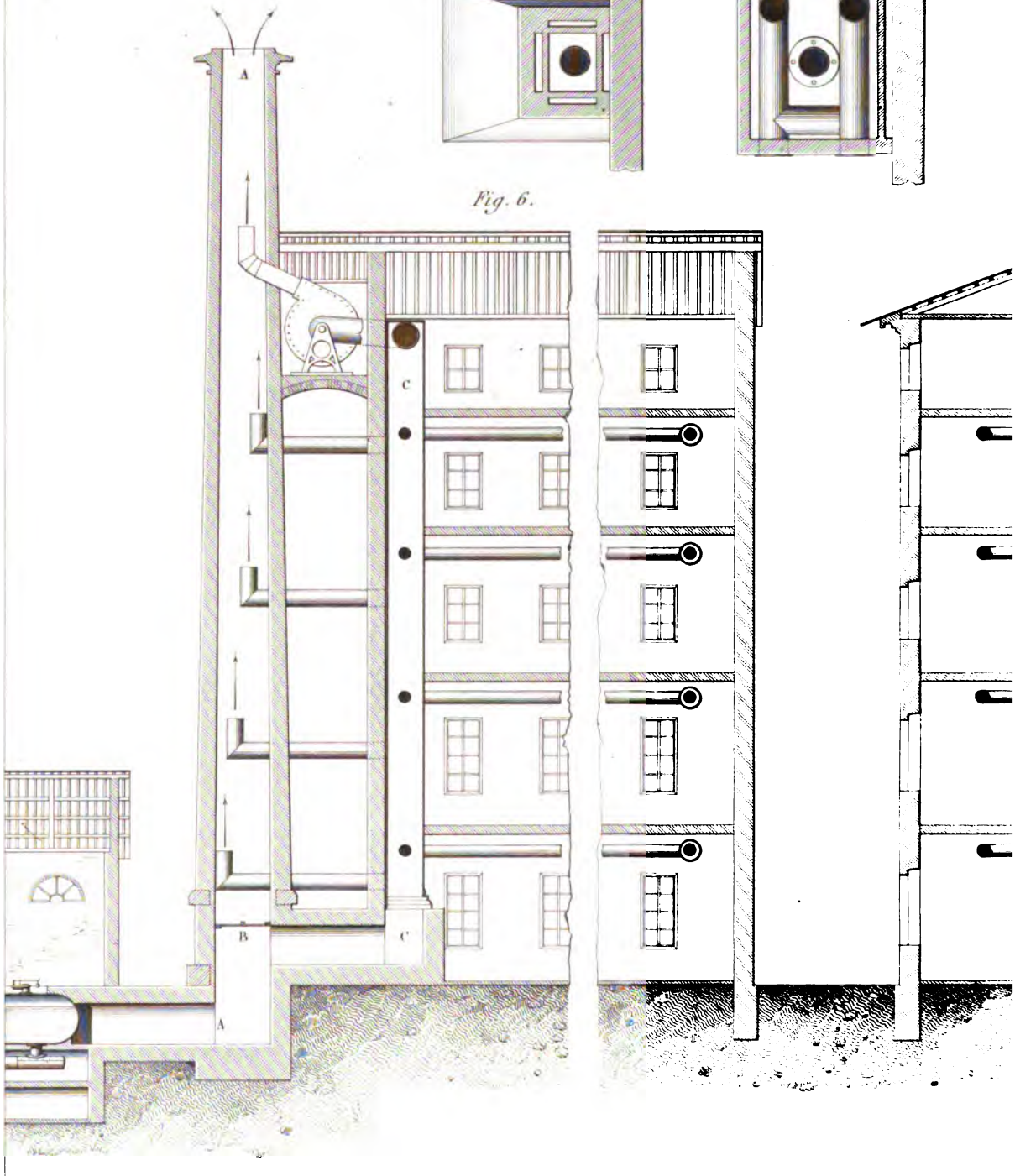

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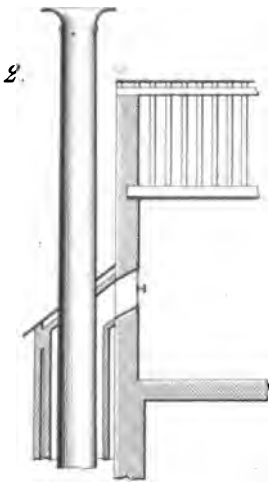
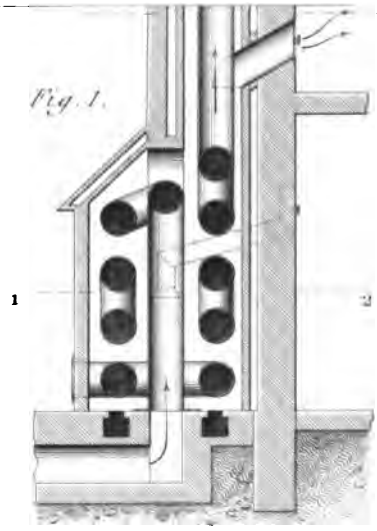


Fig. 1.



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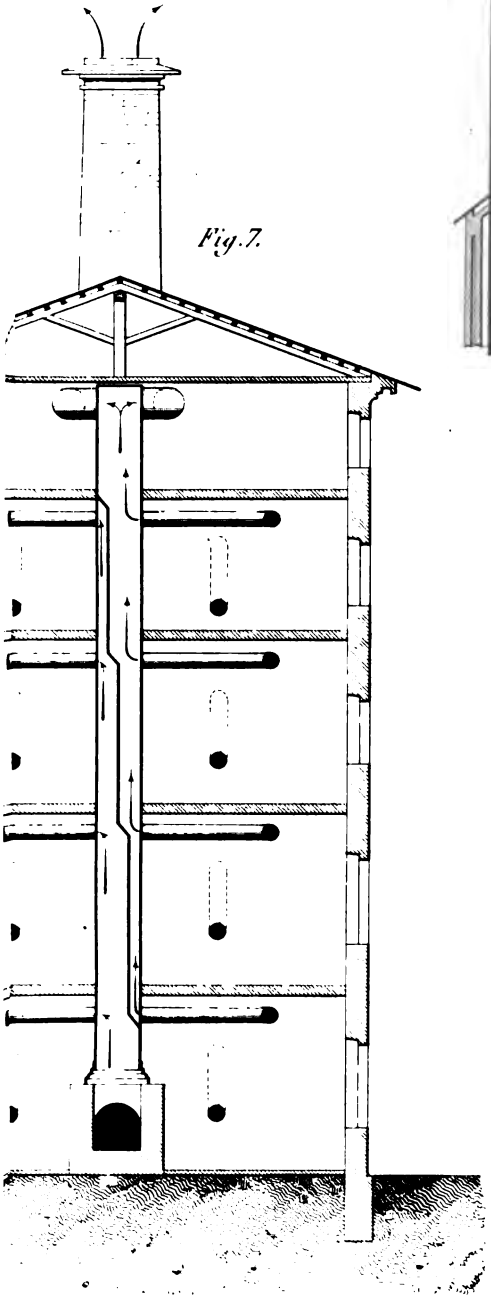

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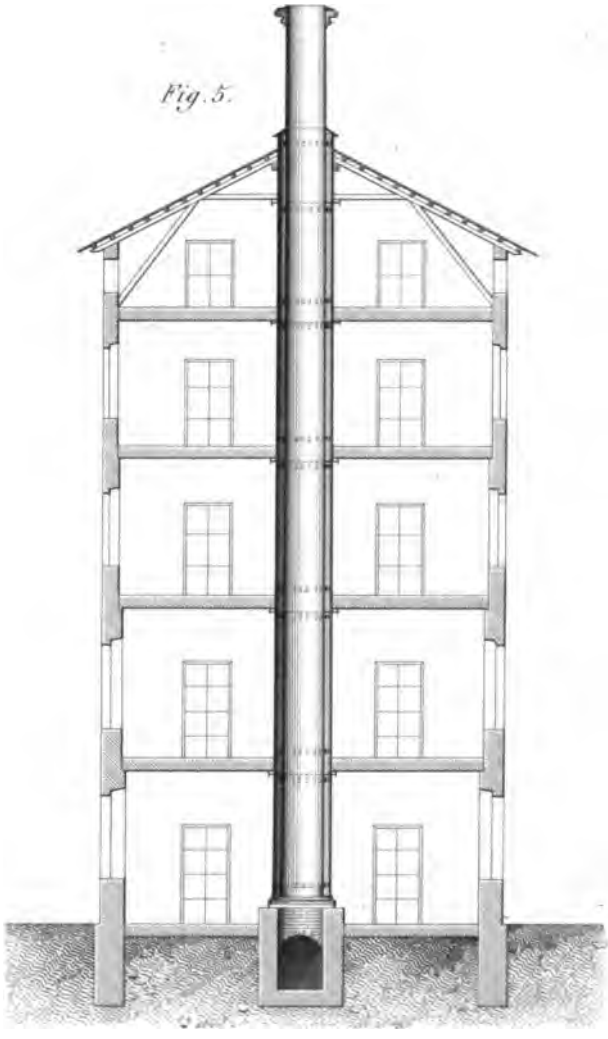

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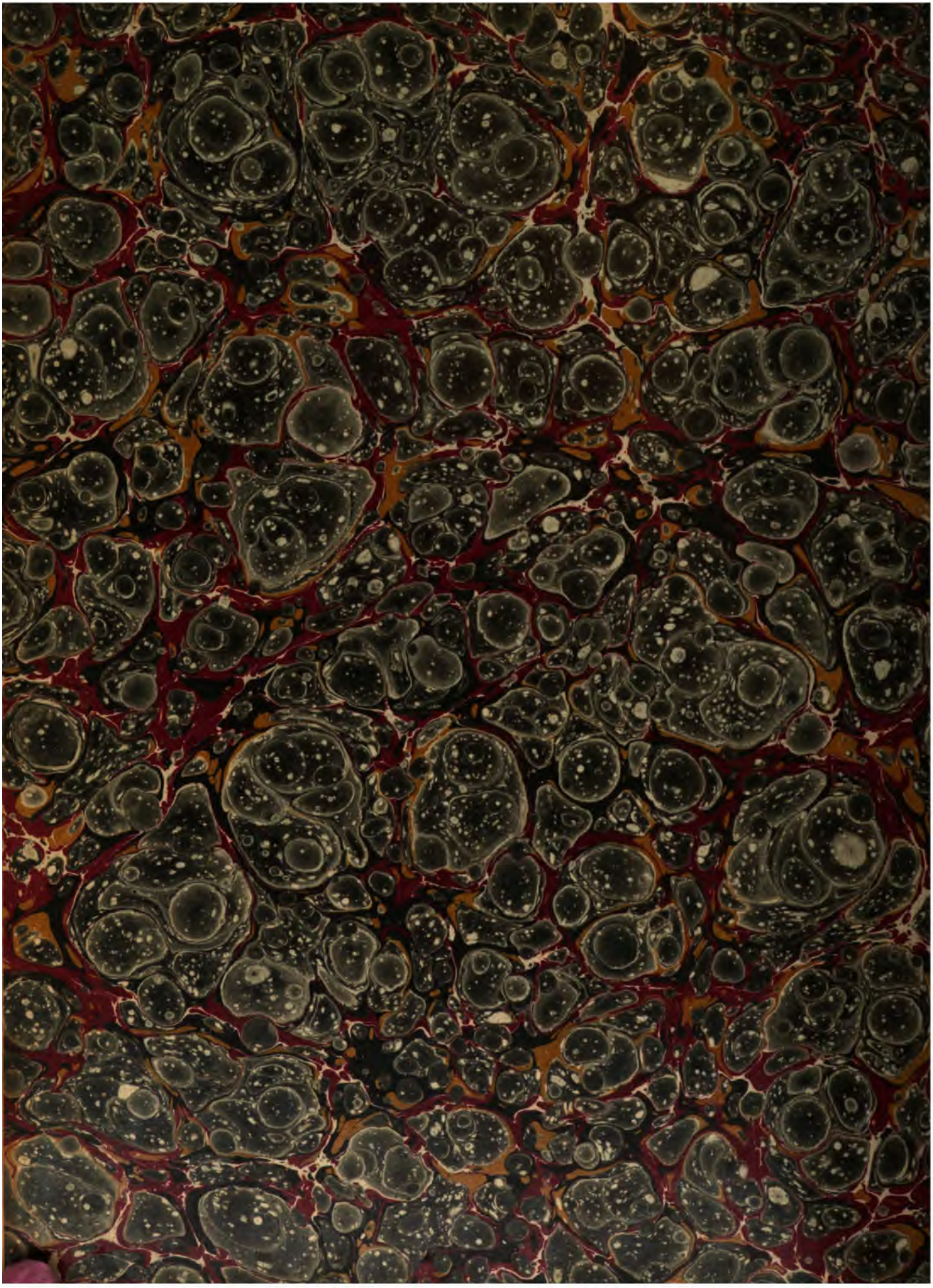

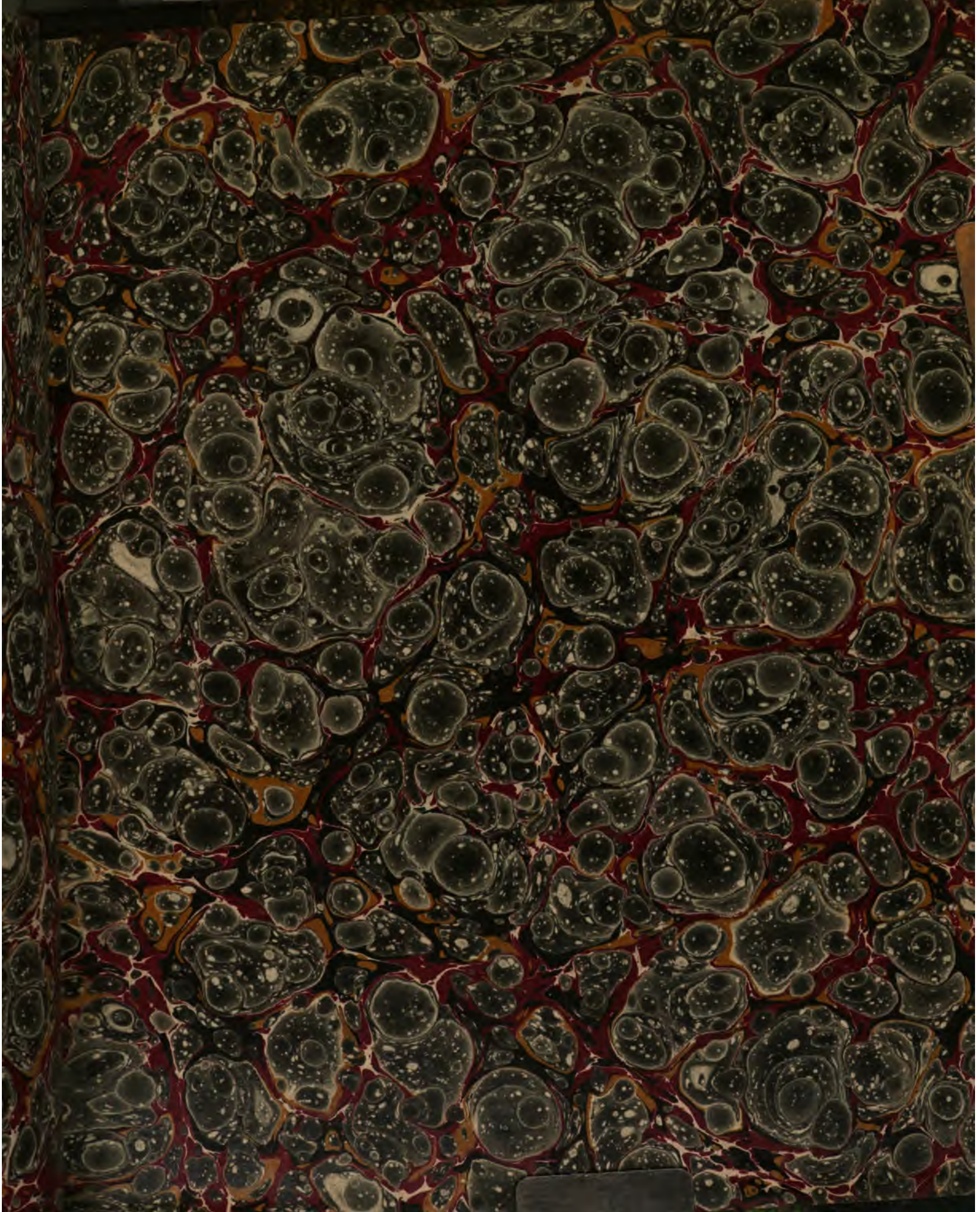

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